

CD RECEIVER

KDC-X915/X815

PS9016R/PS9080R

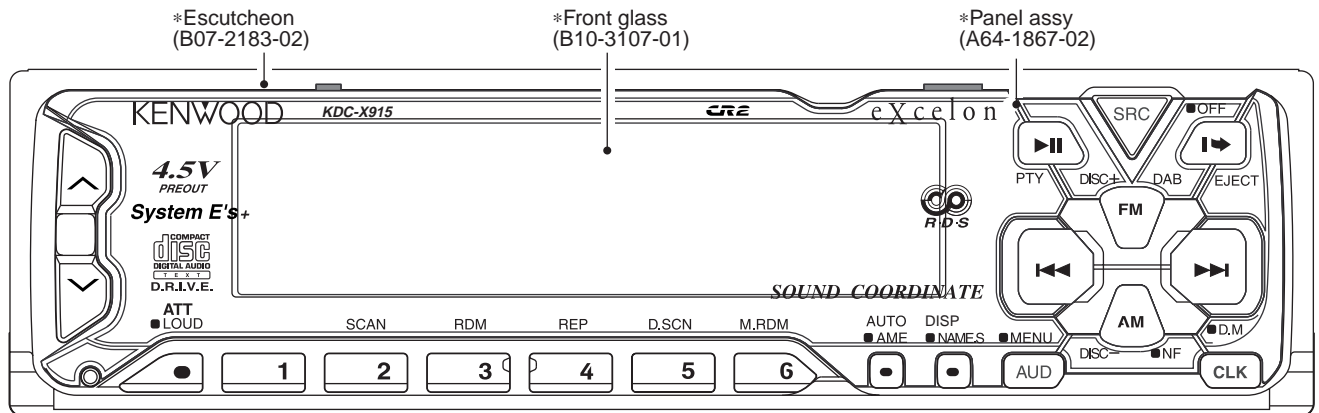
SERVICE MANUAL

KENWOOD

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B51-7571-00(S) 3448

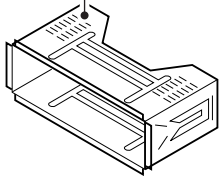
Extension cord	Parts No.
CD mechanism(22P)	W05-0618-00

●KDC-X915

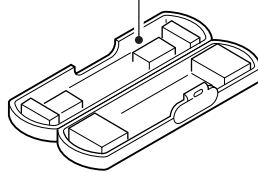


* : Refer to the Parts List

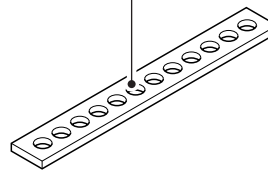
Mounting hardware assy
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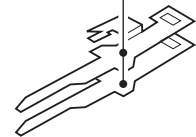
Plastic cabinet assy
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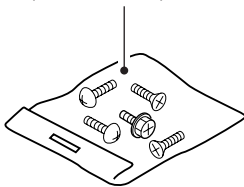
Stay
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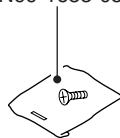
Lever x2
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(D10-4302-14)



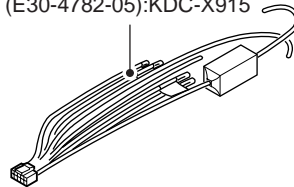
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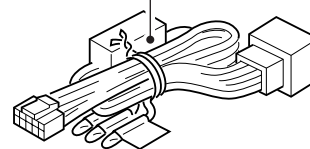
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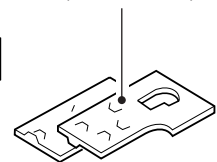
(E30-4779-05):KDC-X815
(E30-4781-05):KDC-PS9016R
(E30-4782-05):KDC-X915



(E30-4788-05):KDC-PS9080R



Bracket
(J19-4875-04)
(J19-4876-04)



The MECHANISM OPERATION DESCRIPTION is the same as model KDC-S3007 and KDC-5050RG.
Please refer to the service manual for model KDC-S3007(B51-7029-00) or KDC-5050RG(B51-7099-00).



MICROCOMPUTER'S DESCRIPTION

System μ -com: UPD784217GC

●Terminal description

No.	Pin name	Function	I/O	Description	Processing Operation
1	P120/RTP0	CHCON1	O	Changer 1 control	Active: Hi
2	P121/RTP1	CH_MUTE	I	Changer muting input	MUTE Requested : Hi
3	P122/RTP2	REQH	O	Handshake request to changers	Active: Lo
4	P123/RTP3	ILL_ON	O	Illumination output	Active: Hi
5	P124/RTP4	NC	O	Open	
6	P125/RTP5	CD_SW2	I	12cm DISC detection	ON: Lo
7	P126/RTP6	CD_SW1	I	Loading detection	ON: Lo
8	P127/RTP7	NC	O	Open	
9	Vdd	Vdd	-	Positive power supply	
10	X2	X2	-	Main clock connection	
11	X1	X1	-	Main clock connection	
12	Vss	Vss	-	GND	
13	XT2	XT2	-	Sub clock connection	
14	XT1	XT1	-	Sub clock connection	
15	RESET	RESET	I	Reset input	Active: Lo
16	P00/INTP0	CH_RST	O	Changer reset output	Active: Lo
17	P01/INTP1	R_CLK	I	RDS clock input	
18	P02/INTP2/NMI	REQC	I	Handshake request from changer	Active: Lo
19	P03/INTP3	NC	I/O		
20	P04/INTP4	NC	I/O		
21	P05/INTP5	NC	I/O		
22	P06/INTP6	SC_REQ	I	Handshake request from panel μ -com	
23	AVdd	AVdd	-	A/D analog power supply	
24	AVref0	AVref	-	A/D reference voltage input	
25	P10/AN10	PHONE	I	PHONE detection terminal	1V or less: PHONE 2.5V or more: NAVI MUTE
26	P11/ANI1	SRM_SW1	I	SRM position detection	Open: Hi
27	P12/ANI2	NOISE	I	FM noise detection	Analog input
28	P13/ANI3	SMETER	I	FM signal meter detection	Analog input
29	P14/ANI4	IF_MODE	I	K21 IF selector	Wide: Hi/Narrow: Lo
30	P15/ANI5	NC	I	GND	
31	P16/ANI6	M_MUTE_R	I	Mute request from mechanism	Mute requested: Lo
32	P17/ANI7	M_MUTE_L	I	Mute request from mechanism	Mute requested: Lo
33	AVss	AVss	-	A/D GND	
34	P130/ANO0	EXT_AMP	O	EXT_AMP control	
35	P131/ANO1	M_RST	O	Reset output to mechanism	Reset: Lo
36	AVref1		-	D/A reference voltage input	
37	P70/RxD2/SI2	DATA_C	I	Data line from changer	
38	P71/TxD2/SO2	DATA_H	O	Data line to changer	
39	P72/ASCK2/SCK2	CH_CLK	I/O	Clock line from/to changer	
40	P20/RxD1/SI1	L_DATA/SC_DATA	I	Data line from LCD driver	
41	P21/TxD1/SO1	L_DATA/MC_DATA	I/O	Data line to LCD driver	
42	P22/ASCK1/SCK1	L_CLK/MC_CLK	I/O	Clock line to LCD driver	
43	P23/PCL	M_STOP	O	Stop request to mechanism	Stop requested: Lo
44	P24/BUZ	BEEP	O	Beep output	Active: Hi
45	P25/SI0	PLL_CE	O	CE output to PLL	
46	P26/SO0	PLL_DATA	I/O	Data in/out with PLL	
47	P27/SCK0	PLL_CLK	O	Clock output to PLL	
48	P80/A0	CD_SW3	I	Switch detection	ON : Hi
49	P81/A1	LO/EJ	O	Loading/Eject control	Loading: Lo/Eject: Hi
50	P82/A2	MOSW	O	Motor output	Loading: Hi/Eject: Lo
51	P83/A3	MECH_DET	I	Mechanism detection	ON: Hi/OFF: Lo
52	P84/A4	PAN5V	O	Panel detection	OFF: Hi
53	P85/A5	L_CE/P_RST	O	CE to LCD driver/Panel μ -com reset	
54	P86/A6	L_INH/MC_REQ	O	Reset to LCD driver	

MICROCOMPUTER'S DESCRIPTION

No.	Pin name	Function	I/O	Description	Processing Operation
55	P87/A7	DIM_CON	O	DIM control	
56	P40/AD0	QUAL	I	RDS receiving condition	Good: Hi
57	P41/AD1	R_DATA	I	RDS data input	
58	P42/AD2	SRM_SUB-	O	SRM sub motor output	
59	P43/AD3	SRM_SUB+	O	SRM sub motor output	
60	P44/AD4	SRM_DET	I	SRM mechanism detection	ON: Lo/OFF: Hi
61	P45/AD5	SRM_SW2	I	SRM eject detection	: Eject
62	P46/AD6	FM_SD	I	FM SD input	Station detected: Hi Not detected: Lo
63	P47/AD7	NC	O	Open	
64	P50/A8	AFC	O	Noise detection time constant switching	During reception: Hi During search: Lo
65	P51/A9		O		
66	P52/A10	WIDE	O	K2I Wide output	Active: Hi
67	P53/A11	NARROW	I/O	K2I Narrow output	Active: Hi
68	P54/A12	AM+B	O	AM power supply	Active: Hi
69	P55/A13	FM+B	O	FM power supply	Active: Hi
70	P56/A14	NC	O	Open	
71	P57/A15	NC	O	Open	
72	Vss		-	GND	
73	P60/A16	TYPE0	I		Destination type switch
74	P61/A17	TYPE1	I		Destination type switch
75	P62/A18	TYPE2	I		Destination type switch
76	P63/A19	ST_TYPE0	I	IC2 Var. 3 destination type 0	Initial value: Lo
77	P64/RD	ST_TYPE1	I	IC2 Var. 3 destination type 1	Initial value: Lo
78	P65/WR	NC	O	Open	
79	P66/WAIT	PRE MUTE R	O	Open	Active: Lo
80	P67/ASTB	PRE MUTE L	O	Open	Active: Lo
81	Vdd		-	Positive power supply	
82	P100/TI5/TO5	NC	O	Open	
83	P101/TI6/TO6	SVR	O	Power IC reset	Power ON: Lo
84	P102/TI7/TO7	NC	O	Open	
85	P103/TI8/TO8	P_MUTE	O	Power IC muting	Active: Lo
86	P30/TO0	ANT_CON	O	Antenna control	Active: Hi
87	P31/TO1	IC2_SCK	O	IC2, IC5, EEPROM clock line	
88	P32/TO2	DIMMER	I	Dimmer detection	Active: Lo
89	P33/TI1	P_CON	O	Power control	Active: Hi
90	P34/TI2	ACC_DET	I	ACC detection	ACC OFF: Hi
91	P35/TI00	REMO	I	Remote control input	
92	P36/TI01	P_ON	O	μ-com peripheral power supply	Active: Hi
93	P37	BU_DET	I	Momentary power down detection	Momentary power down: Hi
94	TEST		-	Test	GND
95	P90	IC2_SDA	I/O	IC2, IC5, EEPROM data line	
96	P91	MUTE	O	Muting output	Active: Hi
97	P92	SW5	O	5V power supply	Active: Lo
98	P93	MS_CL	O	CD mechanism clock line	
99	P94	MS_DA	I/O	CD mechanism data line	
100	P95		O	NC	

KDC-X915/X815/PS9016R/PS9080R

TEST MODE

1.Entering the test mode

Reset the unit by pressing the FM key and the Preset 6 key at the same time.

When the test mode is entered, all indicators light up.

2.Releasing the test mode

Reset the unit by pressing the Preset 6 key.

Note: The unit cannot be reset by simply turning ACC off, turning power off, or turning power off for a brief moment.

3.Voltage adjustment on the FM S-meter

- (1) Enter the test mode.
- (2) While pressing the Preset 1 key, keep on pressing the Preset 6 key.
- (3) When the adjustment is made, "ADJ OK" is displayed. When adjustment cannot be made, "ADJ NG" is displayed.

4.Writing SD voltage for the AM

- (1) Enter the test mode.
- (2) While pressing the Preset 1 key, keep on pressing the Preset 6 key, which results in writing SD.

5.Forced switching of K2I Auto/Manual

In tuner-mode, keeping on pressing TI key, and the Auto and Manual modes can be swieched. The initial condition is manual modes, which is indicated by flashing DUAL dots.

6.Forced narrow/wide switchng of K2I

In tuner-mode, when Preset 6 is pressed, forced narrow/wide mode switching is made. The initial condition is in wide mode and the NEWS dot flashes.

7.CD receiver test mode specification

By pressing the track-up key, the unit jumps to the following tracks:

No. 9 → No. 15 → No. 10 → No. 11 → No. 12 → No. 13 → No. 14 → No. 9 (Goes back to the first position.)

When the track-down key is pressed, the unit jumps to the previous track.

8.MD test mode specification

After loading MD, the unit plays No. 7. Then, the unit jumps as follows each time it track-ups.

No. 2 → No. 13 → No. 23 → No. 30 → No. 34 → No. 7 (Goes back to the first position.)

When the track-down key is pressed, the unit jumps to the previous track.

9.Tape test mode

In the initial step, the blank skip is turned off.

10.Audio-related items

- The volume is -10dB (on display, it is 30).
- The loudness is off and CRSC is off regardless of functions.
- Buss/treble and balance/fader are to be adjusted by the up/down key to full-boost/fullcut and fullfront/fullrear respectively.
- The high-pass filter is adjusted by the up-key to throughput/100Hz/200Hz and, by the down-key, to 200Hz/100Hz/throughput.
- Other adjustments are the same as before.

11.Backup current measurement

When reset in ACC-off condition (backup is on), the mute terminal goes off after 2 seconds instead of 15 seconds, when the ACC is tuned off in the test mode. (In this case, the panel/CD/C/MD mechanisms are not activated.)

12.Registering security code after changing E2PROM at the services (Only for type M. However, RDS models are excluded)

- (1) Put the unit into the test mode (Refer to 1. Above for how to enter the test mode.)
- (2) Press SRC key to put the unit into the tuner mode.
- (3) Press Audio key for one second and put the unit into the menu mode.
- (4) Press FM/AM key and then select "SECURITY."
- (5) Press track up/down key for full 2 seconds.
- (6) Press Preset 1, Preset 2, Preset 3, and Preset 4 and then input codes.
Example: Inputting "3510."
 - Preset 1 key 4 times.
 - Preset 2 key 6 times.
 - Preset 3 key 2 times.
 - Preset 4 key once.
- (7) Press DISP key for 3 seconds and confirm that "APPROVED" is displayed.
- (8) Release the test mode. (Refer to "2. Releasing the test mode" above.)

TEST MODE

13.Simplified method for clearing the security code (Only for type K)

- (1) When code is requested, continue pressing VOL UP key for three seconds while pressing the DISP key. (... disappear.)
- (2) Input "KCAR," using the remote controller (the same as the 98 Model)
 - Press Tenkey 5 twice and then press track-up key. (Inputting "K")
 - Press Tenkey 2 three times and then press track-up key. (Inputting "C")
 - Press Tenkey 2 once and then press track-up key. (Inputting "A")
 - Press Tenkey 7 twice and then press track-up key. (Inputting "R")
- (3) Then, the security is released and the unit goes into the Tuner Mode.

14.Writing MASK KEY on line (E2PROM in initial condition)

- (1) While pressing the FM key and Preset 6 key, press reset key to enter the test mode.
- (2) Press AUDIO key for full one second to put the unit into the menu mode.
- (3) Select the "MASK KEY," using the FM key or AM key.
- (4) Press on the track up/down key to display "TRANSMIT 1."
- (5) Point the MASK KEY to the light receptor and press it for 0.5 second or longer.
- (6) When "TRANSMIT 2" is displayed, press MASK KEY for 0.5 second or longer. When this is conducted, the counter codes for the first time and the second time will not be compared.
- (7) When "APPROVED" is displayed, writing is completed. Time the demonstration mode is set and the test mode is released.

Note: After an elapse of 30-minute period, during which no code is written, an error is effected and the device will power off.

15.Releasing MASK KEY requests (When reset or backup is off when MASK KEY is approved)

- (1) When power is turned on, "TRANSMIT 1" is displayed and the unit goes into MASK KEY request mode.
- (2) Point the MASK KEY to the light receptor and press it for more than 3 seconds (until the level display indicates full)
- (3) When "TRANSMIT 2" is displayed, press the MASK KEY again for more than three seconds. At this point, when "TRANSMIT 1" is displayed, repeat the process in (2) above for the second time.
- (4) When "APPROVED" is displayed, MASK KEY is approved and the unit turns power on.

16.Initializing MASK KEY (returning to the default condition from MASK KEY approved state)

- (1) While pressing the FM key and Preset 6 key at the same time, press RESET to enter the test mode.
- (2) "TRANSMIT 1" is displayed and the unit goes into MASK KEY request mode. The display at this point will be "***" instead of "[]".
- (3) Use MASK KEY release remote controller for more than three seconds.
- (4) When "TRANSMIT 2" is displayed, press the MASK KEY for more than three seconds for the second time.
- (5) When "APPROVED" is displayed, the MASK KEY is released and the demonstration mode is set. Then, the test mode is released, returning the unit into default condition.

17.Clearing from the MASK KEY

- (1) While pressing FM key and Preset 6 key at the same time, press RESET to enter the test mode.
- (2) Press the AUDIO key for full one second to put the unit into the menu mode.
- (3) Select MASK KEY, using track up/down key.
- (4) Press on the FM key or AM key for full two seconds and the unit will display "TRANSMIT 1."
- (5) Point the MASK KEY release controller to the light receptor and press it for 3 seconds or longer. (Until the level display indicates full.)
- (6) When "TRANSMIT 2" is displayed, press MASK KEY for 3 seconds or longer for the second time. If "TRANSMIT 1" is displayed, start again from (5) above.
- (7) When "APPROVED" is displayed, E2PROM is cleared. The unit goes back to the condition described in Line 14: Writing MASK KEY on line (E2PROM in initial condition)

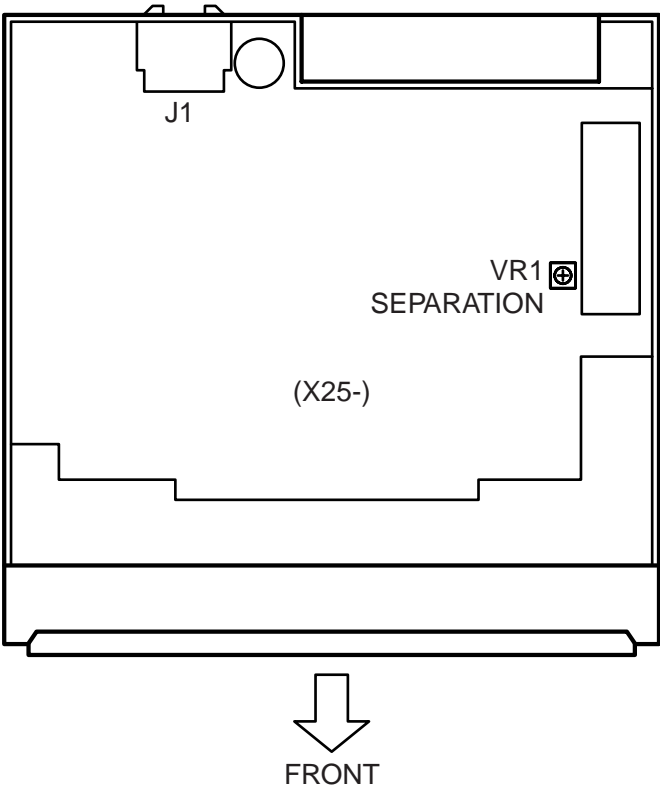
18.Other

- Automatic panel closing does not occur in case a TAPE, CD, or MD is inserted.
- Panel is opened/closed when ATT key is turned On/Off. (A remote controller is used when turning ATT on.)
- The DNPP/SBF key of the remote controller (RC-510) is used for tuning the menu mode On/Off.
- The OPEN/CLOSE key of the remote controller (RC-510) is used for tuning the audio mode On/Off.
- The feed on the menu will be feeds only for necessary features.
- "CODE OFF" and other displays will not be issued when the power is turned on.
- The dimmer of the FL model and contrast on the LCD model can be adjusted only for 0/5/10 by the UP/DOWN key.

ADJUSTMENT

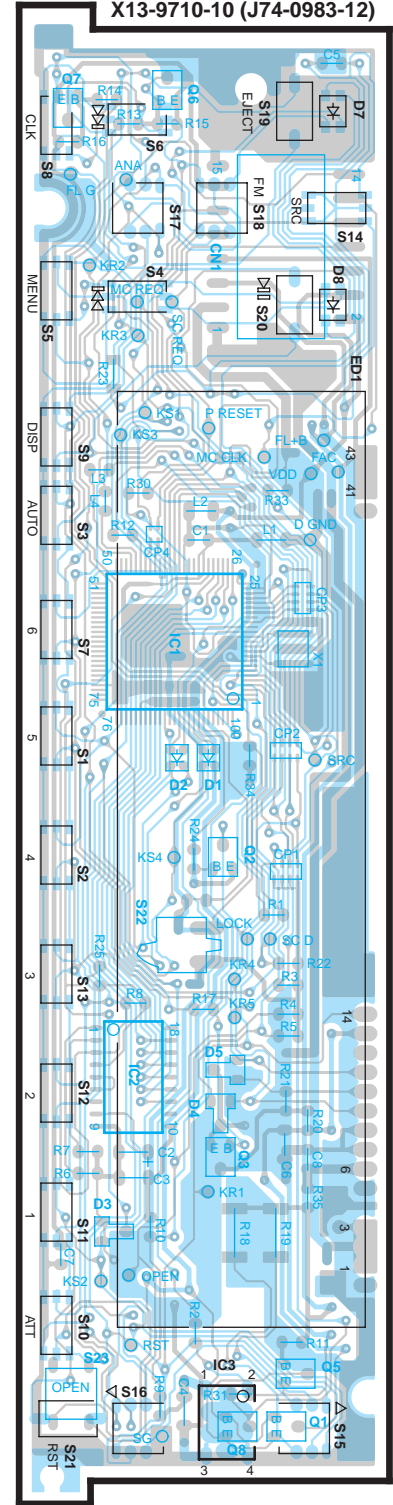
Set the controls and switches as follows.
BALANCE: center position BASS: center position LOUD: OFF DOLBY NR: OFF
FADER: center position TREBLE: center position

No	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER) SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	SEPARATION (NARROW)	98.1MHz 1kHz, ± 40 kHz dev Pilot: ± 6.0 kHz dev Selector: L or R 60dB μ (ANT input)	Connect an AC voltmeter to SP OUT	TEST MODE: ON (Forced Narrow) FM98.1MHz	VR1	Adjust it so that the crosstalk from L to R and R to L become minimum.	



SWITCH UNIT

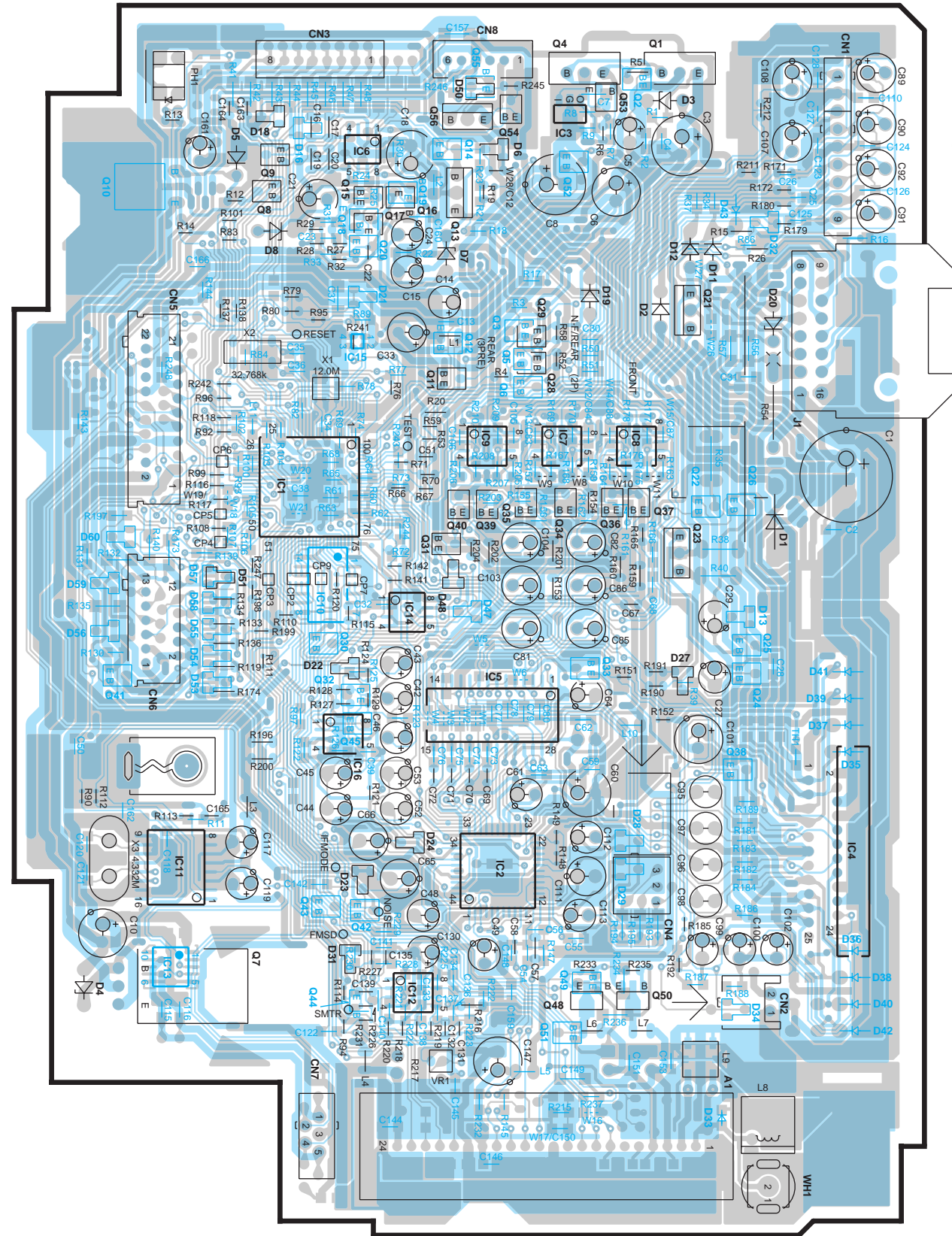
X13-9710-10 (J74-0983-12)

SWITCH UNIT
(X13-971X-XX)

Ref. NO.		Address
IC	Q	
1		3D
2		5D
3		6E
	1	6E
	2	4E
	3	5E
	5	6E
	6	2D
	7	2D
	8	6E

PC BOARD (Component Side View)
ELECTRIC UNIT

X25-8462-70/8470-10 (J74-1000-12)



ELECTRIC UNIT
(X25-84XX-XX)

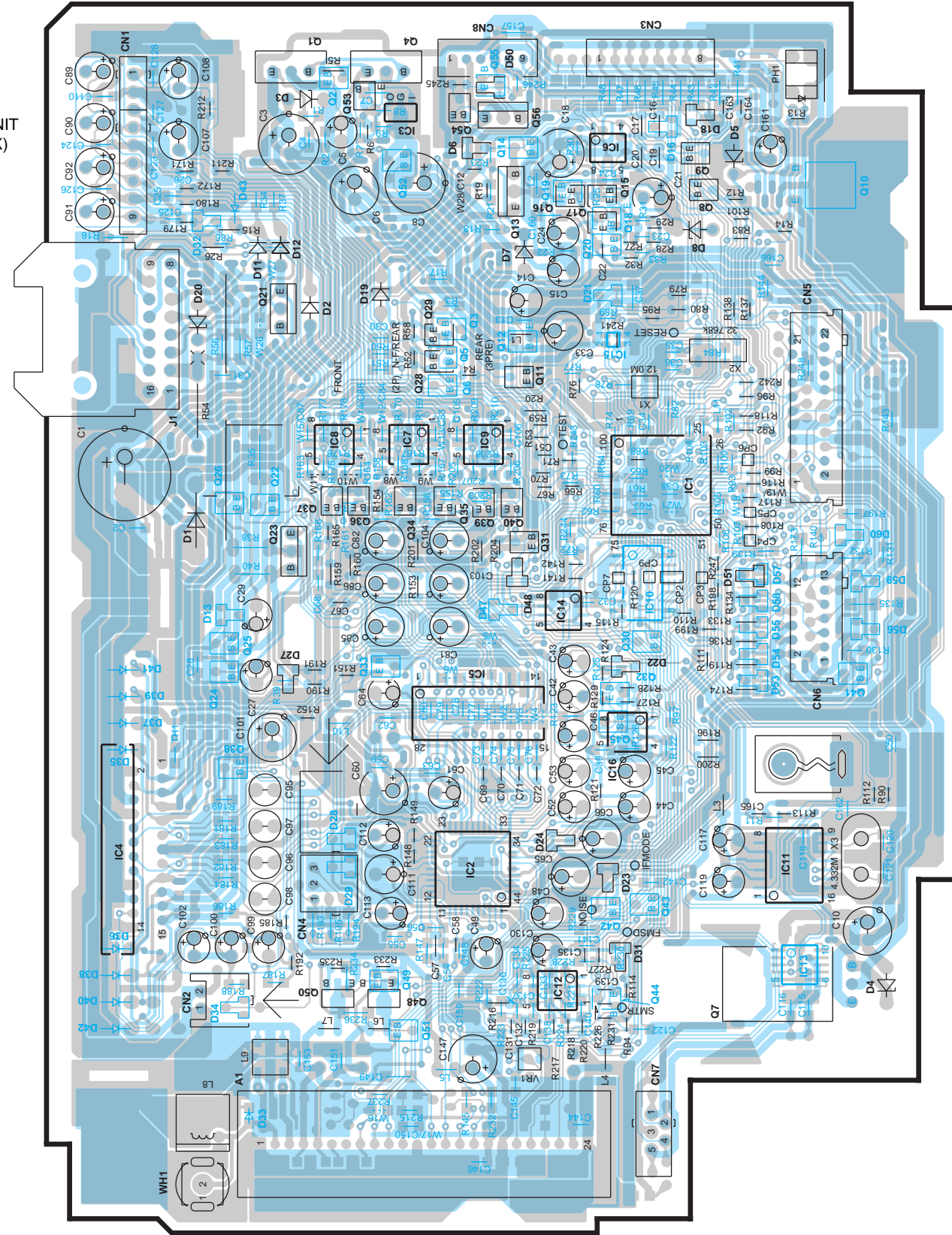
Ref. NO.	IC	Q	Address
1	1	3F	3F
2	2	5G	5G
3	3	1H	1H
4	4	5I	5I
5	5	4G	4G
6	6	2G	2G
7	7	3H	3H
8	8	3H	3H
9	9	3G	3G
10	10	4G	4G
11	11	5F	5F
12	12	5G	5G
13	13	5F	5F
14	14	4G	4G
15	15	3G	3G
16	16	4G	4G
1	1	1H	1H
2	2	1H	1H
3	3	2G	2G
4	4	1H	1H
5	5	3G	3G
6	6	3G	3G
7	7	5F	5F
8	8	2F	2F
9	9	2F	2F
10	10	3G	3G
11	11	3G	3G
12	12	3G	3G
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14	14	2G	2G
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17	17	2G	2G
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19	19	2G	2G
20	20	2G	2G
21	21	2H	2H
22	22	3H	3H
23	23	3H	3H
24	24	4H	4H
25	25	4H	4H
26	26	3H	3H
27	27	3G	3G
28	28	3G	3G
29	29	2G	2G
30	30	4G	4G
31	31	3G	3G
32	32	4G	4G
33	33	4H	4H
34	34	3H	3H
35	35	3G	3G
36	36	3H	3H
37	37	3H	3H
38	38	4H	4H
39	39	3G	3G
40	40	3G	3G
41	41	4F	4F
42	42	5G	5G
43	43	5G	5G
44	44	5G	5G
45	45	4G	4G
46	46	5H	5H
47	47	5H	5H
48	48	5H	5H
49	49	5H	5H
50	50	5H	5H
51	51	6H	6H
52	52	2H	2H
53	53	1H	1H
54	54	1L	1L
55	55	1G	1G
56	56	1G	1G

ELECTRIC UNIT
(X25-84XX-XX)

Ref. NO.	IC	Q	Address
1	1	3M	3M
2	2	5L	5L
3	3	1L	1L
4	4	5K	5K
5	5	4L	4L
6	6	2M	2M
7	7	3L	3L
8	8	3L	3L
9	9	3L	3L
10	10	4M	4M
11	11	5N	5N
12	12	5M	5M
13	13	5N	5N
14	14	4M	4M
15	15	3M	3M
16	16	4M	4M
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2	2	1L	1L
3	3	2L	2L
4	4	1L	1L
5	5	3L	3L
6	6	3L	3L
7	7	5N	5N
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14	14	2M	2M
15	15	2M	2M
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22	22	3K	3K
23	23	3L	3L
24	24	4K	4K
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41	41	4N	4N
42	42	5M	5M
43	43	5M	5M
44	44	5M	5M
45	45	4M	4M
46	46	5L	5L
47	47	5L	5L
48	48	5L	5L
49	49	5L	5L
50	50	5L	5L
51	51	6L	6L
52	52	2L	2L
53	53	1L	1L
54	54	1L	1L
55	55	1L	1L
56	56	1L	1L

PC BOARD (Foil Side View)
ELECTRIC UNIT

X25-8462-70/8470-10 (J74-1000-12)



Refer to the schematic diagram for the values of resistors and capacitors.

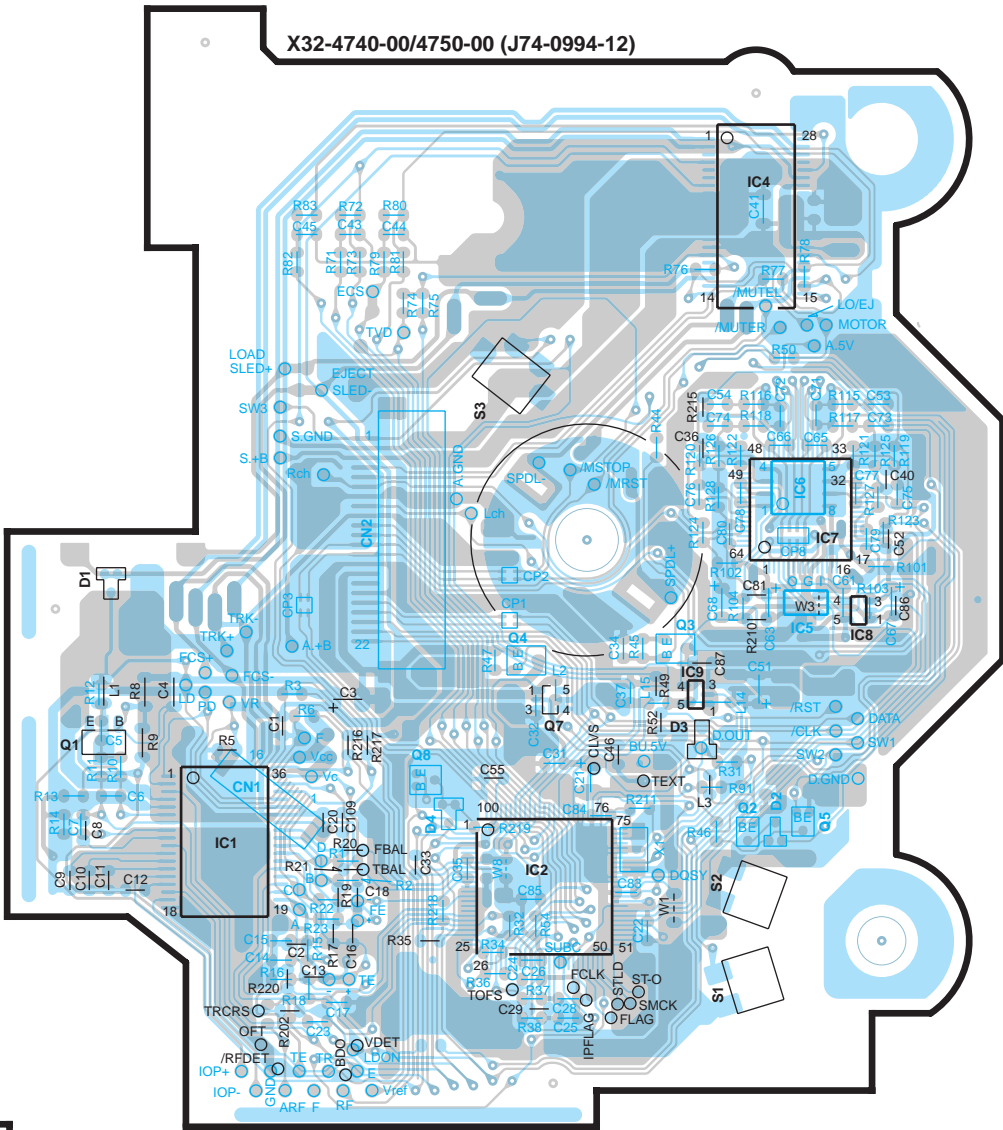
PC BOARD (Component Side View)

PC BOARD (Foil Side View)

CD PLAYER UNIT
(X32-474X-XX)

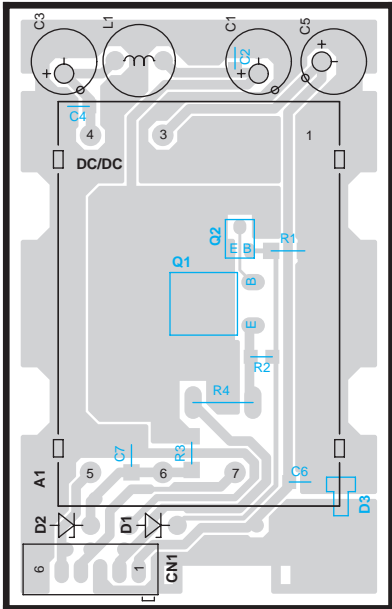
Ref. NO.		Address
IC	Q	
1		4P
2		4Q
4		2R
5		3R
6		3R
7		3R
8		3R
9		4R
	1	4P
	2	4R
	3	3R
	4	3Q
	5	4R
	7	4Q
	8	4Q

CD PLAYER UNIT



DAUGHTER UNIT

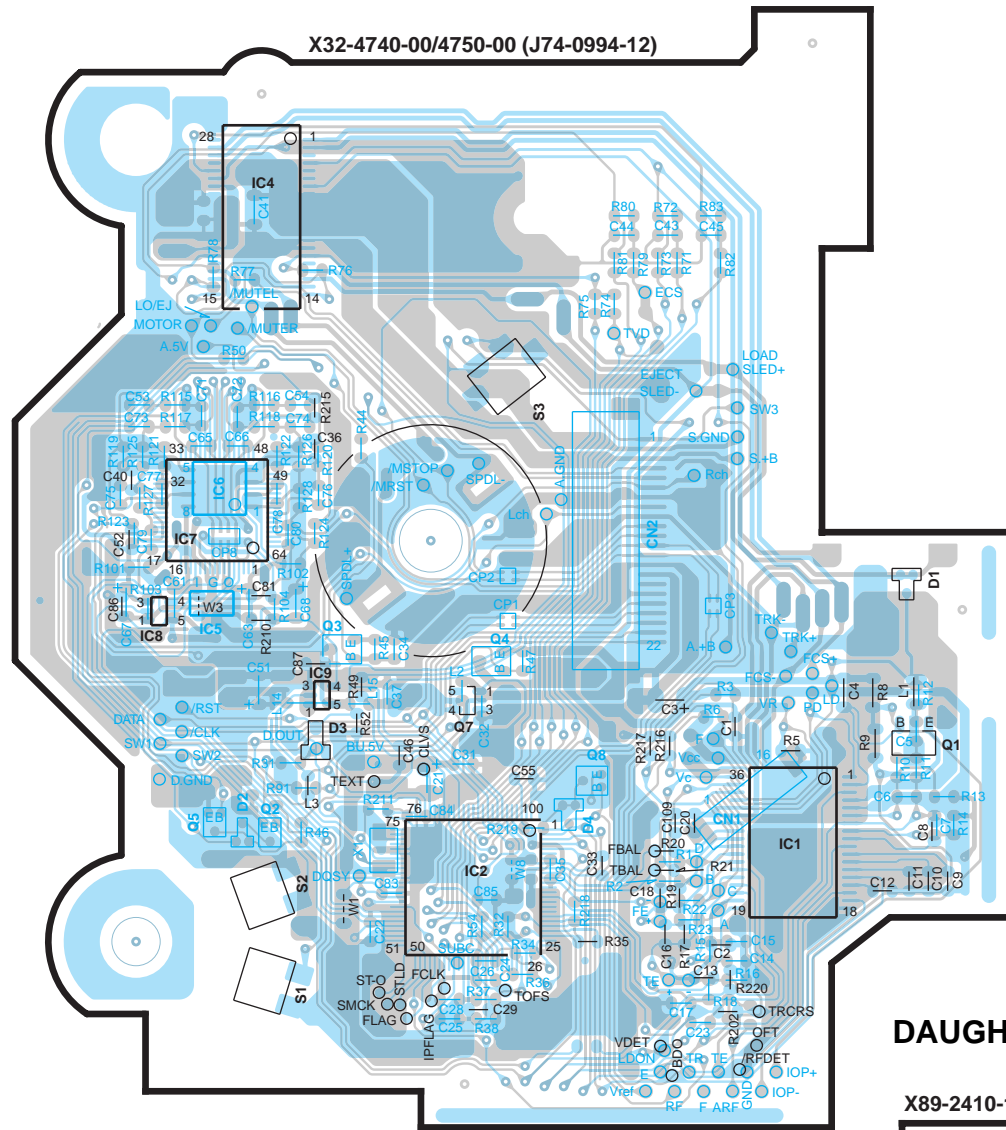
X89-2410-10 (J74-1053-02)



DAUGHTER UNIT
(X89-241X-XX)

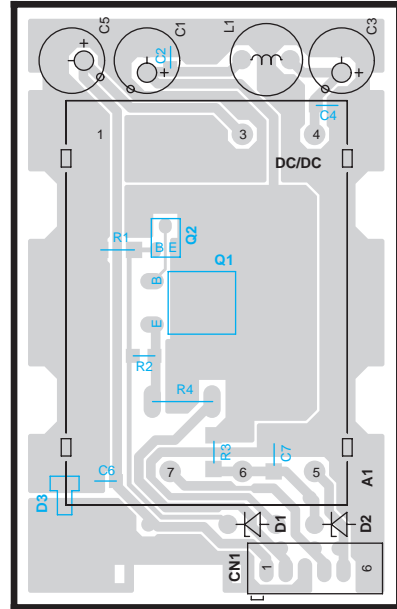
Ref. NO.		Address
IC	Q	
1		6O
2		6O

CD PLAYER UNIT



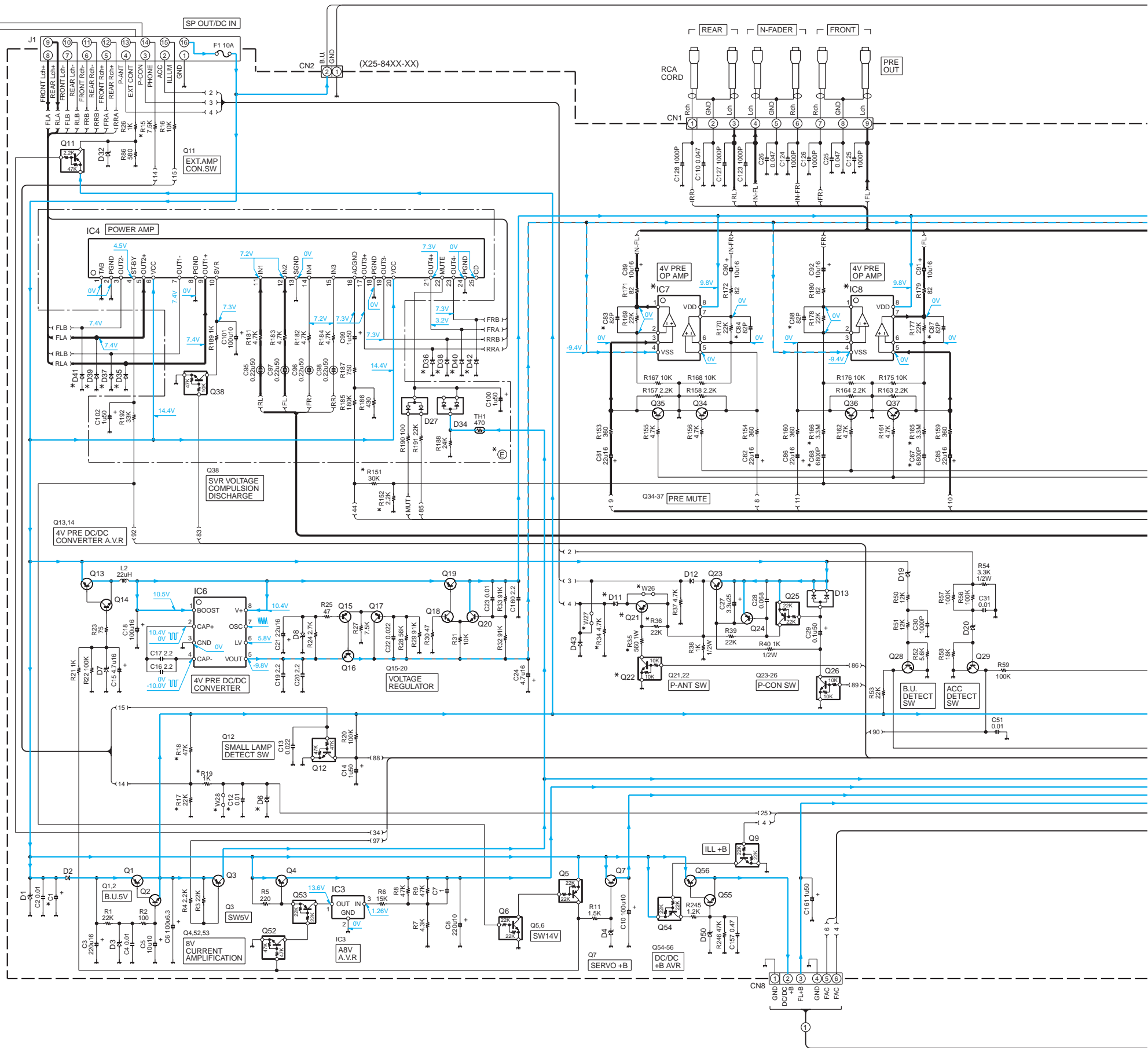
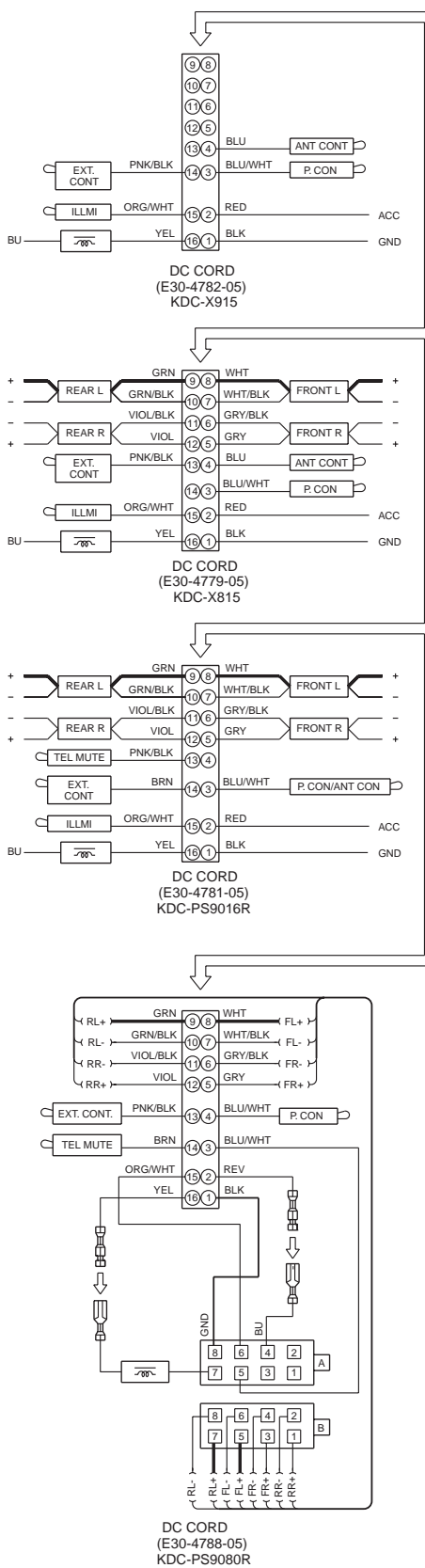
DAUGHTER UNIT

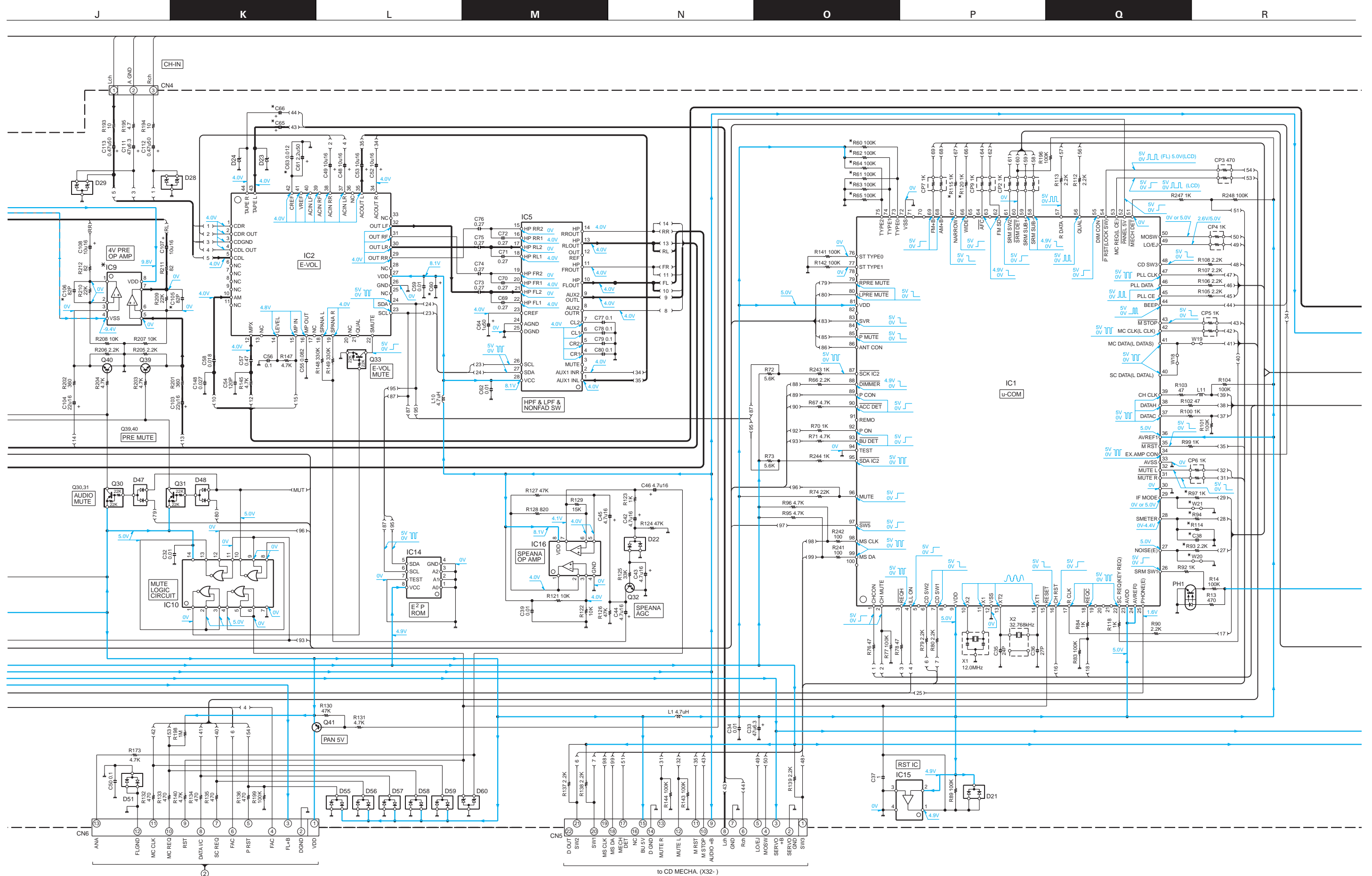
X89-2410-10 (J74-1053-02)



DAUGHTER UNIT
(X89-241X-XX)

Ref. NO.		Address
IC	Q	
1		6W
2		6W

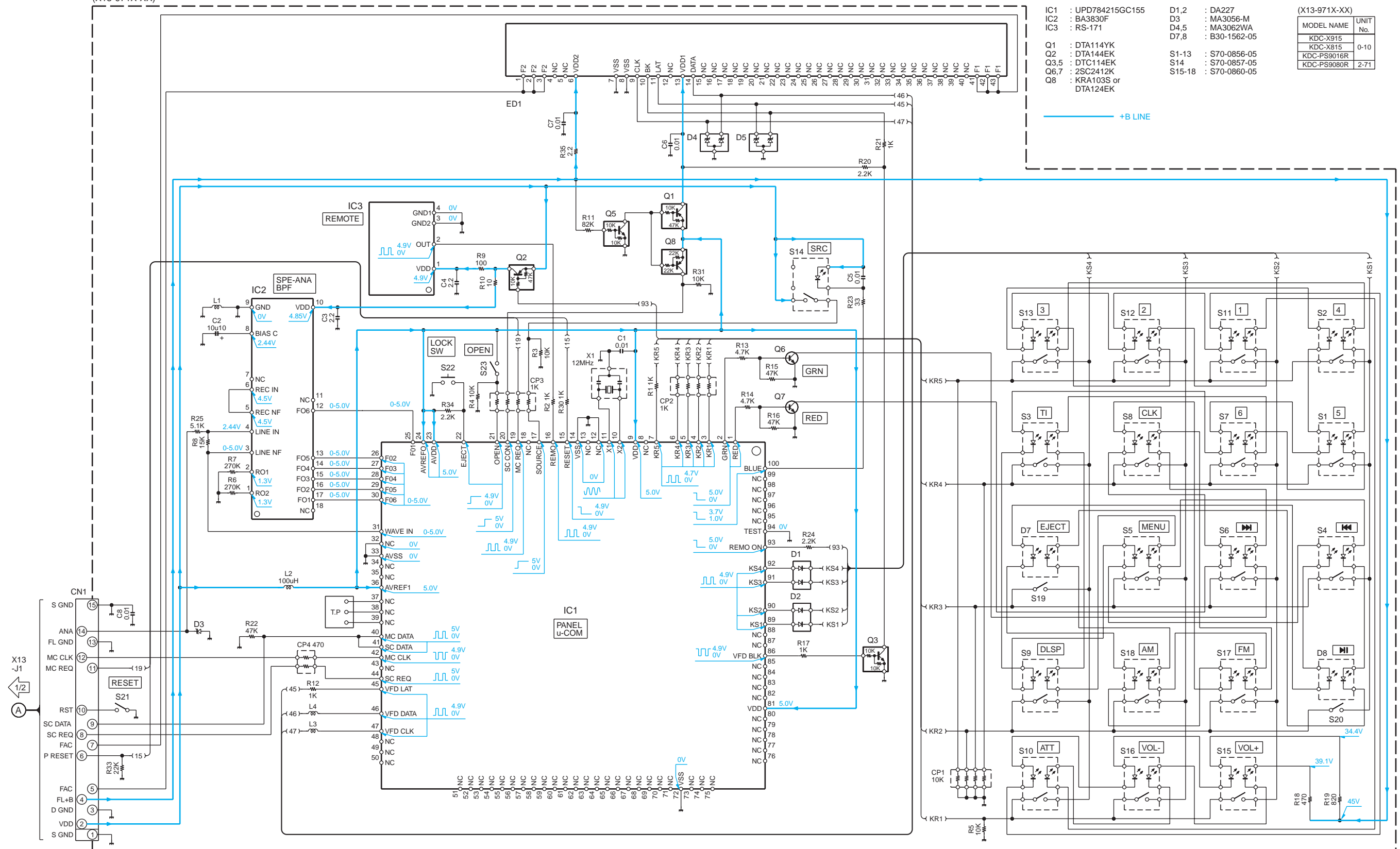




CAUTION:For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to, parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

(X13-971X-XX)

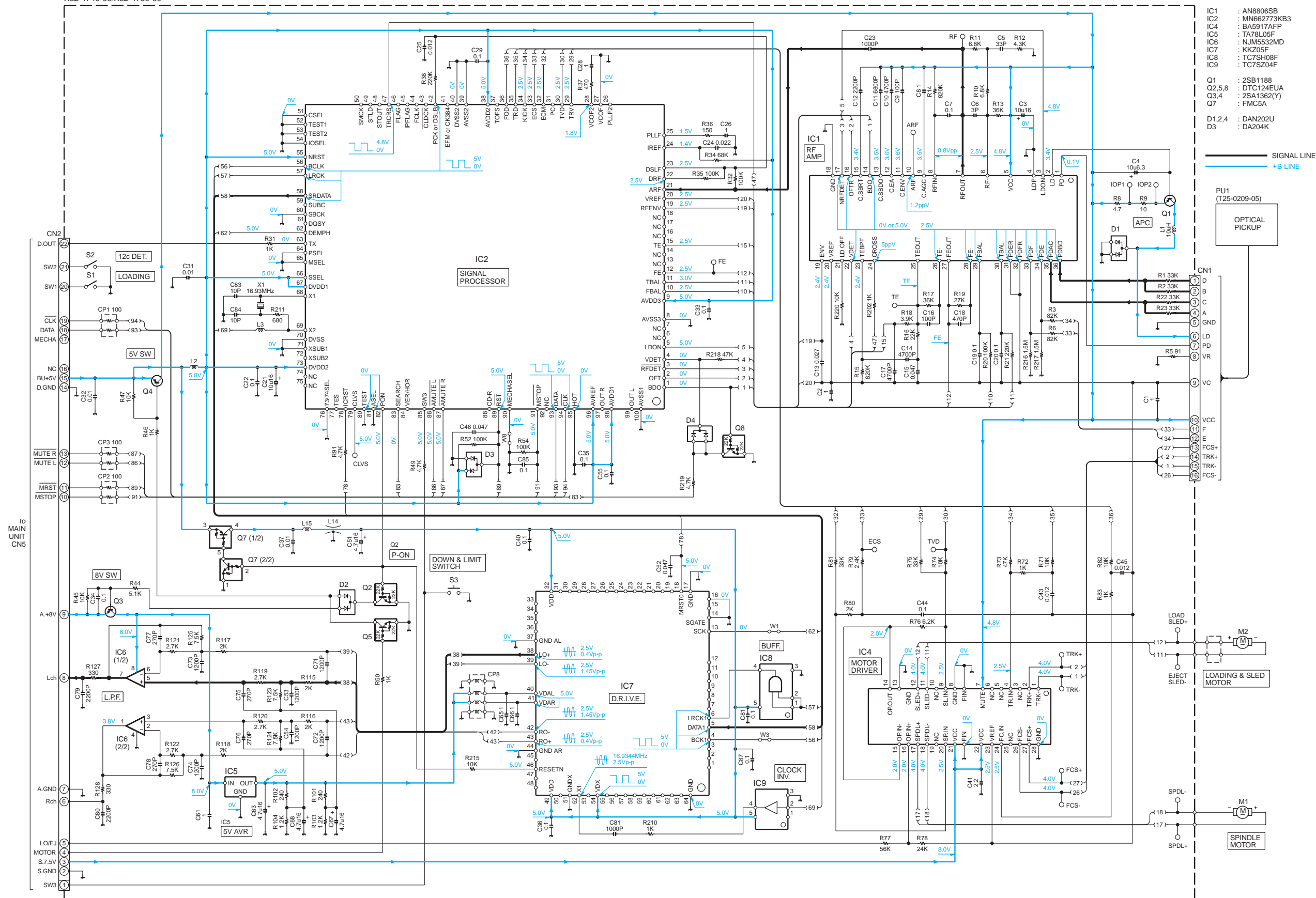


IC1	: UPD784215GC155	D1,2	: DA227	(X13-971X-XX)
IC2	: BA3830F	D3	: MA3056-M	MODEL NAME
IC3	: RS-171	D4,5	: MA3062WA	UNIT No.
Q1	: DTA114YK	D7,8	: B30-1562-05	KDC-X915
Q2	: DTA144EK	S1-13	: S70-0856-05	KDC-X815
Q3,5	: DTC114EK	S14	: S70-0857-05	KDC-PS9016R
Q6,7	: 2SC2412K	S15-18	: S70-0860-05	KDC-PS9080R
Q8	: KRA103S or DTA124EK			2-71

CAUTION:For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to, parts list). ⚡ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

X32-4740-00/X32-4750-00



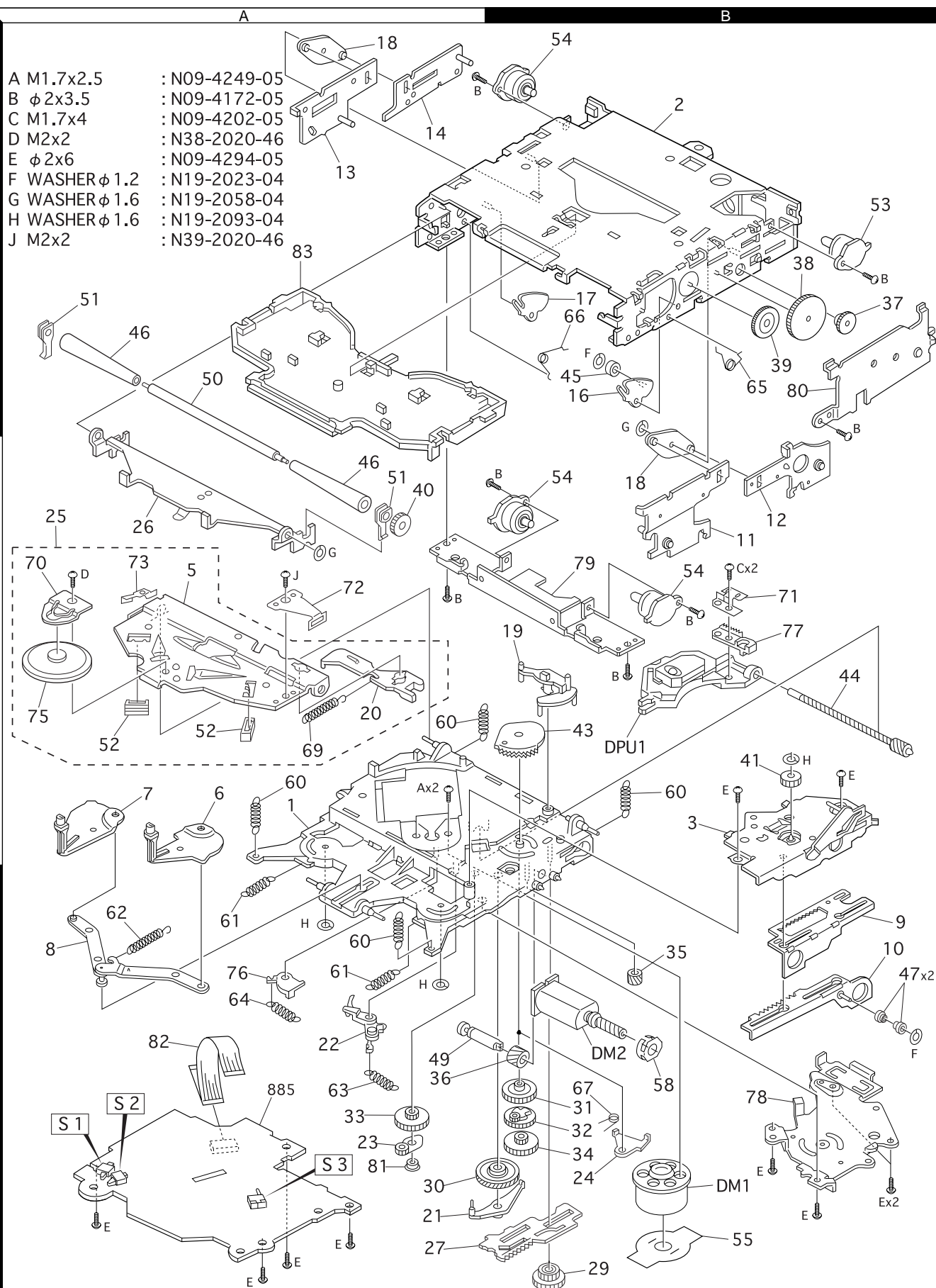
CD MECHANISM

KDC-X915/X815/PS9016R/PS9080R

KENWOOD

EXPLODED VIEW (CD MECHANISM)

A	M1.7x2.5	: N09-4249-05
B	φ2x3.5	: N09-4172-05
C	M1.7x4	: N09-4202-05
D	M2x2	: N38-2020-46
E	φ2x6	: N09-4294-05
F	WASHER φ1.2	: N19-2023-04
G	WASHER φ1.6	: N19-2058-04
H	WASHER φ1.6	: N19-2093-04
J	M2x2	: N39-2020-46





PARTS LIST

* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

KDC-X915/X815/PS9016R/PS9080R

Ref.No.	A d d	N e w	Parts No.	Description	Dest inati on
KDC-X915/X815/PS9016R/PS9080R					
201	1C		A02-1489-03	PLASTIC CABINET ASSY	
202	1C		A10-4671-02	CHASSIS ASSY	
203	1D		A10-4315-04	CHASSIS CALKING ASSY	
204	1C		A10-4317-04	CHASSIS CALKING ASSY	
205	1D		A10-4319-04	CHASSIS CALKING ASSY	
206	1D		A10-4321-04	CHASSIS CALKING ASSY	
207	1D		A10-4674-02	CHASSIS ASSY	
208	1D		A10-4676-02	CHASSIS ASSY	
209	1D		A10-4534-23	CHASSIS ASSY	
210	3C		A22-2296-43	SUB PANEL ASSY	
211	3D		A10-4666-03	CHASSIS ASSY	WO/E
211	3D		A10-4667-03	CHASSIS ASSY	E
212	2D		A46-1652-01	REAR COVER	
213	1D		A52-0742-12	TOP PLATE	
214	3C		A21-4011-03	DRESSING PANEL	
PA1	2C	*	A64-1864-02	PANEL ASSY	E
PA1	2C	*	A64-1867-02	PANEL ASSY	K
PA1	2C	*	A64-1868-02	PANEL ASSY	K1
PA1	2C	*	A64-1873-02	PANEL ASSY	M1
RM1	1C		A70-0864-05	REMOTE CONTROLLER ASSY	E
RM1	1C		A70-0883-05	REMOTE CONTROLLER ASSY	M1
RM1	1C		A70-0894-05	REMOTE CONTROLLER ASSY	KK1
RM2	1C		A70-0886-15	REMOTE CONTROLLER ASSY	M1E
221	3C		B07-2139-03	ESCUTCHEON ASSY	M1
221	3C		B07-2146-03	ESCUTCHEON ASSY	KK1E
222	1C		B07-2183-02	ESCUTCHEON	
223	2C	*	B10-3107-01	FRONT GLASS	K
223	2C	*	B10-3108-01	FRONT GLASS	K1
223	2C	*	B10-3113-01	FRONT GLASS	M1
223	2C	*	B10-3103-01	FRONT GLASS	E
-			B46-0100-50	WARRANTY CARD	
-			B46-0606-04	ID CARD	KK1
-			B46-0631-03	USER CARD	KK1
-			B46-0632-04	ID CARD	M1E
-			B58-1278-04	CAUTION CARD	
-			B58-1309-04	CAUTION CARD	M1
-			B58-1321-14	CAUTION CARD	M1
-			B64-1599-00	INSTRUCTION MANUAL E,T	M1
-			B64-1601-00	INSTRUCTION MANUAL E	KK1
-			B64-1602-00	INSTRUCTION MANUAL F,S	KK1
-			B64-1605-00	INSTRUCTION MANUAL E	E
-			B64-1606-00	INSTRUCTION MANUAL F,G,D	E
-			B64-1607-00	INSTRUCTION MANUAL I,S,P	E
224	1C		D10-4301-14	LEVER	
225	1C		D10-4302-14	LEVER	
230	1D		D10-4448-03	ARM ASSY	
231	1D		D10-4449-04	ARM ASSY	
232	2D		D13-1302-64	GEAR ASSY	
233	2D		D13-1306-24	GEAR	
234	2D		D13-1403-03	GEAR	
235	2D		D13-1404-04	GEAR	
236	2D		D13-1453-14	GEAR ASSY	
239	1D		D13-1312-34	GEAR	
240	1D		D13-1313-04	GEAR	
243	1D		D13-1456-13	GEAR ASSY	
244	1D		D13-1455-13	GEAR ASSY	
246	1D		D14-0678-04	ROLLER ASSY	
247	3D		D14-0723-04	ROLLER	
248	3D		D14-0716-14	ROLLER	
251	2D		E30-4796-05	CORD WITH PINPLUG	
252	2D		E30-4706-05	CORD WITH CONNECTOR	
DC1	1C		E30-4779-05	DC CORD	K1
DC1	1C		E30-4781-05	DC CORD	M1
DC1	1C		E30-4782-05	DC CORD	K
DC1	1C		E30-4788-05	DC CORD	E
DN1	2D		E30-4802-05	CORD WITH DIN CONNECTOR	
255	2D		F29-0049-05	INSULATING COVER	
F1	2D		F52-0004-05	FUSE(MINI BLADE TYPE)	K
F1	2D		F52-0006-05	FUSE(MINI BLADE TYPE)	K1M1
F1	2D		F52-0006-05	FUSE(MINI BLADE TYPE)	E
258	2D		G01-2984-04	EXTENSION SPRING	
259	1D		G01-2818-24	EXTENSION SPRING	
260	3C		G01-2920-14	TORSION COIL SPRING	
261	1C		G01-2924-04	TORSION COIL SPRING	
262	1D		G11-1850-04	CUSHION	
263	2D		G16-1147-04	SHEET	
-			H10-4700-02	POLYSTYRENE FOAMED FIXTURE	
-			H21-1123-04	PROTECTION SHEET	
-			H25-0329-04	PROTECTION BAG (280X450X0.03)	
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
-			H25-1108-04	PROTECTION BAG (100X300X0.03)	
-		*	H54-1652-03	ITEM CARTON CASE	K
-		*	H54-1653-03	ITEM CARTON CASE	K1
-		*	H54-1658-03	ITEM CARTON CASE	M1
-		*	H54-1662-03	ITEM CARTON CASE	E
265	1C		J19-4875-04	BRACKET	WO/E
266	1C		J19-4876-04	BRACKET	WO/E
267	1C		J21-9491-03	MOUNTING HARDWARE ASSY	
271	1D		J31-1035-24	COLLAR	
272	1C		J54-0606-04	STAY	
FPC2	1D		J84-0062-23	FLEXIBLE PRINTED WIRING BOARD	
FPC3	3C		J84-0066-13	FLEXIBLE PRINTED WIRING BOARD	
280	2C		K24-3540-03	KNOB OPEN	
281	2C		K24-3541-04	KNOB SRC	
282	2C		K25-1095-03	KNOB VOL	
283	2C		K25-1096-03	KNOB 1-3	
284	2C		K25-1097-03	KNOB 4-6	
285	2C		K25-1098-03	KNOB FM/AM	
286	2C		K25-1099-03	KNOB CLK	
287	2D		K29-7010-04	KNOB ASSY LOCK	
291	1C		N99-1652-05	SCREW SET	WO/E
292	1C		N99-1683-05	SCREW SET	
A	1D		N09-4184-05	MACHINE SCREW (M2X2)	
B	1D		N09-4185-05	MACHINE SCREW (M2X2)	
C	1D		N09-4218-05	MACHINE SCREW (M2X3)	

K: KDC-X915 K1: KDC-X815 M1: KDC-PS9016R E: KDC-PS9080R

⚠ indicates safety critical components.

PARTS LIST

* New Parts
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KDC-X915/X815/PS9016R/PS9080R
SWITCH UNIT (X13-971X-XX)
SUB CIRCUIT (X13-978X-XX)
ELECTRIC UNIT (X25-84XX-XX)

Ref.No.	A d d	N e w	Parts No.	Description	Dest inati on
D	1D		N09-4340-05	MACHINE SCREW (M2X2.)	
E	1D		N09-4381-05	MACHINE SCREW (M2X2)	
F	2D		N19-2022-04	FLAT WASHER	
G	2D		N19-2058-04	FLAT WASHER	
H	1D		N19-2062-04	FLAT WASHER	
J	1D		N19-2085-04	FLAT WASHER	
K	1D		N19-2095-04	FLAT WASHER	
L	1D		N19-2103-04	FLAT WASHER	
M	3C		N35-2003-45	BINDING HEAD MACHINE SCREW	
N	3C		N38-2030-45	PAN HEAD MACHIN SCREW	
P	3C		N67-3005-46	PAN HEAD SEMS SCREW	
Q	2C		N80-2004-46	PAN HEAD TAPTITE SCREW	
R	2C		N80-2008-45	PAN HEAD TAPTITE SCREW	
S	1D		N83-3005-46	PAN HEAD TAPTITE SCREW	
PS1	1D		S68-0829-05	PUSH SWITCH	
PM1	1D		T42-0752-34	MOTOR ASSY	
295	1C		T90-0523-05	ANTENNA ADAPTOR	E
ME1	3C		X92-3710-00	MECHANISM ASSY	
SWITCH UNIT (X13-971X-XX)					
D7 ,8			B30-1562-05	LED	
C1			CK73FB1H103K	CHIP C 0.010UF K	
C2			C92-0628-05	CHIP-TAN 10UF 10WV	
C3 ,4			CK73EB1C225K	CHIP C 2.2UF K	
C5			CK73FB1H103K	CHIP C 0.010UF K	
C6			CK73EB1C225K	CHIP C 2.2UF K	
C8			CK73FB1H103K	CHIP C 0.010UF K	
CN1			E59-0833-05	RECTANGULAR PLUG	
L1			L92-0302-05	CHIP FERRITE	
L2			L40-1015-34	SMALL FIXED INDUCTOR	
L3 ,4			L33-0385-05	SMALL FIXED INDUCTOR	
X1			L78-0683-05	RESONATOR	
CP1			R90-0714-05	MULTI-COMP 10K X4	
CP2 ,3			R90-0724-05	MULTI-COMP 1K X4	
CP4			R90-1022-05	MULTI-COMP 470 X2	
R1 ,2			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R3 -5			RK73FB2A103J	CHIP R 10K J 1/10W	
R6 ,7			RK73FB2A274J	CHIP R 270K J 1/10W	
R8			RK73FB2A153J	CHIP R 15K J 1/10W	
R9			RK73FB2A101J	CHIP R 100 J 1/10W	
R10			RK73FB2A100J	CHIP R 10 J 1/10W	
R11			RK73FB2A823J	CHIP R 82K J 1/10W	
R12			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R13 ,14			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R15 ,16			RK73FB2A473J	CHIP R 47K J 1/10W	
R17			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R18			R92-1215-05	CHIP R 470 J 1/2W	
R19			R92-2023-05	CHIP R 820 J 1/2W	
R20			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R21			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R22			RK73FB2A473J	CHIP R 47K J 1/10W	

Ref.No.	A d d	N e w	Parts No.	Description	Dest inati on
R23			RK73EB2B330J	CHIP R 33 J 1/8W	
R24			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R25			RK73FB2A512J	CHIP R 5.1K J 1/10W	
R30			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R31			RK73FB2A103J	CHIP R 10K J 1/10W	
R33			RK73FB2A223J	CHIP R 22K J 1/10W	
R34			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R35			RK73FB2A2R2J	CHIP R 2.2 J 1/10W	
S1 -13			S70-0856-05	TACT SWITCH	
S14			S70-0857-05	TACT SWITCH	
S15 -18			S70-0860-05	TACT SWITCH	
S19 -21			S70-0851-05	TACT SWITCH	
S22			S68-0822-05	PUSH SWITCH	
S23			S70-0864-05	TACT SWITCH	
D1 ,2			DA227	DIODE	
D3			MA3056-M	ZENER DIODE	
D4 ,5			MA3062WA	ZENER DIODE	
ED1	2C		CN1914M	FLUORESCENT INDICATOR TUBE	
IC1			UPD784215GC155	MI-COM IC	
IC2			BA3830F	ANALOGUE IC	
IC3			RS-171	ANALOGUE IC	
Q1			DTA114YK	DIGITAL TRANSISTOR	
Q1			UN2114	DIGITAL TRANSISTOR	
Q2			DTA144EK	DIGITAL TRANSISTOR	
Q2			UN2113	DIGITAL TRANSISTOR	
Q3			DTC114EK	DIGITAL TRANSISTOR	
Q3			UN2211	DIGITAL TRANSISTOR	
Q5			DTC114EK	DIGITAL TRANSISTOR	
Q5			UN2211	DIGITAL TRANSISTOR	
Q6 ,7			2SC2412K	TRANSISTOR	
Q6 ,7			2SD601A	TRANSISTOR	
Q8			DTA124EK	DIGITAL TRANSISTOR	
Q8			KRA103S	TRANSISTOR	
Q8			UN2112	DIGITAL TRANSISTOR	
SUB CIRCUIT (X13-978X-XX)					
310	2C	*	B03-3056-12	DRESSING PLATE	KK1E M1
310	2C		B03-3057-02	DRESSING PLATE	
J1			E58-0895-05	RECTANGULAR RECEPTACLE	
FPC1	2C		J84-0106-02	FLEXIBLE PRINTED WIRING BOARD	
Y	2C		N38-2025-46	PAN HEAD MACHIN SCREW	
ELECTRIC UNIT (X25-84XX-XX)					
C1			C90-2822-05	ELECTRO 3900UF 16WV	K1M1E K
C1			C90-2865-05	ELECTRO 2200UF 16WV	
C2			CK73FB1H103K	CHIP C 0.010UF K	
C3			C90-2926-05	ELECTRO 220UF 16WV	
C4			CK73FB1H103K	CHIP C 0.010UF K	
C5			C90-2594-05	ELECTRO 10UF 10WV	
C6			CE04CW0J101M	ELECTRO 100UF 6.3WV	
C7			CK73EB1C105K	CHIP C 1.0UF K	
C8			CE04CW1A221M	ELECTRO 220UF 10WV	
C10			CE04CW1A101M	ELECTRO 100UF 10WV	

K: KDC-X915 K1: KDC-X815 M1: KDC-PS9016R E: KDC-PS9080R

⚠ indicates safety critical components.

PARTS LIST

* New Parts

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ELECTRIC UNIT (X25-84XX-XX)

Ref.No.	A d d	N e w	Parts No.	Description	Dest inati on	Ref.No.	A d d	N e w	Parts No.	Description	Dest inati on
C12			CK73FB1H103K	CHIP C 0.010UF K	M1	C100			C90-2608-05	ELECTRO 1.0UF 50WV	K1M1E
C13			CK73FB1H223K	CHIP C 0.022UF K		C101			CE04CW1A101M	ELECTRO 100UF 10WV	K1M1E
C14			C90-2608-05	ELECTRO 1.0UF 50WV		C102			C90-2608-05	ELECTRO 1.0UF 50WV	K1M1E
C15			C90-2595-05	ELECTRO 4.7UF 16WV		C103,104			CE04CW1C220M	ELECTRO 22UF 16WV	
C16 ,17			CK73EB1C225K	CHIP C 2.2UF K		C105,106			CC73FCH1H820J	CHIP C 82PF J	K
C18			C90-2962-05	ELECTRO 100UF 16WV		C107,108			C90-2536-05	ELECTRO 10UF 16WV	K
C19 ,20			CK73EB1C225K	CHIP C 2.2UF K		C107,108			C90-2597-05	ELECTRO 10UF 16WV	K1M1E
C21			CE04CW1C220M	ELECTRO 22UF 16WV		C110			CK73FB1E473K	CHIP C 0.047UF K	
C22			CK73GB1E223K	CHIP C 0.022UF K		C111			CE04CW0J470M	ELECTRO 47UF 6.3WV	
C23			CK73FB1H103K	CHIP C 0.010UF K		C112,113			C90-2606-05	ELECTRO 0.47UF 50WV	
C24			C90-2595-05	ELECTRO 4.7UF 16WV		C115,116			CK73FB1C224K	CHIP C 0.22UF K	
C25 ,26			CK73FB1E473K	CHIP C 0.047UF K		C117			C90-2594-05	ELECTRO 10UF 10WV	
C27			C90-2598-05	ELECTRO 3.3UF 25WV		C118			CK73FB1H103K	CHIP C 0.010UF K	
C28			CK73FB1E683K	CHIP C 0.068UF K		C119			C90-2594-05	ELECTRO 10UF 10WV	
C29			C90-2602-05	ELECTRO 0.10UF 50WV		C120,121			CC73FCH1H100D	CHIP C 10PF D	
C30			CK73FB1H102K	CHIP C 1000PF K		C122			CC73FCH1H271J	CHIP C 270PF J	
C31 ,32			CK73FB1H103K	CHIP C 0.010UF K		C123-128			CC73FSL1H102J	CHIP C 1000PF J	
C33			CE04CW0J470M	ELECTRO 47UF 6.3WV		C130			C90-2594-05	ELECTRO 10UF 10WV	M1E
C34			CK73FB1H103K	CHIP C 0.010UF K		C131			CK73GB1H471K	CHIP C 470PF K	M1E
C35			CC73FCH1H240J	CHIP C 24PF J		C132			CC73FCH1H121J	CHIP C 120PF J	M1E
C36			CC73FCH1H270J	CHIP C 27PF J		C133			CC73FCH1H060D	CHIP C 6.0PF D	M1E
C37			CK73EB1C105K	CHIP C 1.0UF K		C134			CC73FSL1H122J	CHIP C 1200PF J	M1E
C38			CK73FB1H102K	CHIP C 1000PF K	M1E	C135			CK73GB1H122K	CHIP C 1200PF K	M1E
C38			CK73FB1H472K	CHIP C 4700PF K	KK1	C136			CC73FCH1H180J	CHIP C 18PF J	M1E
C39			CK73FB1H103K	CHIP C 0.010UF K		C137			CC73FCH1H471J	CHIP C 470PF J	M1E
C42 -46			C90-2595-05	ELECTRO 4.7UF 16WV		C138			CC73FCH1H820J	CHIP C 82PF J	M1E
C48 ,49			C90-2597-05	ELECTRO 10UF 16WV		C139			CC73FSL1H102J	CHIP C 1000PF J	M1E
C50			CK73FB1C104K	CHIP C 0.10UF K		C140			CK73FB1H223K	CHIP C 0.022UF K	M1E
C51			CK73FB1H103K	CHIP C 0.010UF K		C141			CC73FSL1H222J	CHIP C 2200PF J	M1E
C52 ,53			C90-2597-05	ELECTRO 10UF 16WV		C142			CK73FB1H822K	CHIP C 8200PF K	M1E
C54			CC73FCH1H121J	CHIP C 120PF J		C144			CK73FB1H103K	CHIP C 0.010UF K	
C55			CK73FB1C823K	CHIP C 0.082UF K		C145			CC73FCH1H471J	CHIP C 470PF J	M1E
C56			CK73FB1C104K	CHIP C 0.10UF K		C146			CK73FB1H103K	CHIP C 0.010UF K	
C57			CK73EB1C474K	CHIP C 0.47UF K		C147			CE04CW1A101M	ELECTRO 100UF 10WV	
C58			CK73GB1E183K	CHIP C 0.018UF K		C148			CK73FB1E273K	CHIP C 0.027UF K	
C59			CK73FB1H103K	CHIP C 0.010UF K		C149			CK73EB1C105K	CHIP C 1.0UF K	M1E
C60			CE04CW1A101M	ELECTRO 100UF 10WV	K1M1E	C150,151			CK73FB1H103K	CHIP C 0.010UF K	M1E
C60			CE04CW1A470M	ELECTRO 47UF 10WV	K	C151			CK73FB1H103K	CHIP C 0.010UF K	KK1
C61			C90-2610-05	ELECTRO 2.2UF 50WV		C153			CK73FB1H103K	CHIP C 0.010UF K	
C62			CK73FB1H103K	CHIP C 0.010UF K		C157			CK73EB1C474K	CHIP C 0.47UF K	
C63			C93-1054-05	CHIP C 0.012UF K	K1M1E	C159			CK73FB1H103K	CHIP C 0.010UF K	
C64			C90-2608-05	ELECTRO 1.0UF 50WV		C160			CK73EB1C225K	CHIP C 2.2UF K	
C65 ,66			C90-2610-05	ELECTRO 2.2UF 50WV	K1M1E	C161			C90-2608-05	ELECTRO 1.0UF 50WV	
C65 ,66			C90-5204-05	ELECTRO 0.47UF 50WV	K	CN1			E40-5066-05	PIN ASSY	
C67 ,68			CK73FB1H682K	CHIP C 6800PF K	K	CN2			E40-3299-05	PIN ASSY	
C69 -76			CK73FB1C274K	CHIP C 0.27UF K		CN3			E40-3252-05	PIN ASSY	
C77 -80			CK73FB1C104K	CHIP C 0.10UF K		CN4			E40-3261-05	PIN ASSY	
C81 ,82			CE04CW1C220M	ELECTRO 22UF 16WV		CN5			E40-9550-05	FLAT CABLE CONNECTOR	
C83 ,84			CC73FCH1H820J	CHIP C 82PF J	K	CN6			E40-9557-05	FLAT CABLE CONNECTOR	
C85 ,86			CE04CW1C220M	ELECTRO 22UF 16WV		CN7			E40-5029-05	FLAT CABLE CONNECTOR	
C87 ,88			CC73FCH1H820J	CHIP C 82PF J	K	CN8			E40-3250-05	PIN ASSY	
C89 -92			C90-2536-05	ELECTRO 10UF 16WV	K	J1			E58-0836-05	RECTANGULAR RECEPTACLE	
C89 -92			C90-2597-05	ELECTRO 10UF 16WV	K1M1E	WH1	2D		E30-4440-05	CORD WITH PLUG	
C95 -98			C90-5296-05	ELECTRO 0.22UF 50WV	K1M1E	WH1	2D		E30-4804-05	CORD WITH PLUG	
C99			C90-2935-05	ELECTRO 1.0UF 50WV	K1M1E						

K: KDC-X915 K1: KDC-X815 M1: KDC-PS9016R E: KDC-PS9080R

⚠ indicates safety critical components.

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref.No.	Adw	Parts No.	Description	Destination
L1		L40-4795-34	SMALL FIXED INDUCTOR	
L2		L40-2205-34	SMALL FIXED INDUCTOR(22UH)	
L3 -7		L40-4795-34	SMALL FIXED INDUCTOR	
L8		L33-1039-05	LINE FILTER COIL	
L9		L39-1004-05	TRAP COIL	
L10		L40-4795-34	SMALL FIXED INDUCTOR	
L11		L92-0075-05	CHIP FERRITE	
X1		L78-0683-05	RESONATOR	
X2		L77-2738-05	CRYSTAL RESONATOR	
X3		L77-2002-05	CRYSTAL RESONATOR	
S	3D	N83-3005-46	PAN HEAD TAPTITE SCREW	
T	3D	N35-3010-46	BINDING HEAD MACHINE SCREW	K1M1
W	3D	N86-2606-46	BINDING HEAD TAPTITE SCREW	
X	3D	N83-3012-46	PAN HEAD TAPTITE SCREW	K1M1
CP2		R90-0724-05	MULTI-COMP 1K X4	
CP3		R90-1022-05	MULTI-COMP 470 X2	
CP4 -7		R90-0725-05	MULTI-COMP 1K X2	
CP9		R90-0725-05	MULTI-COMP 1K X2	
R1		RK73FB2A223J	CHIP R 22K J 1/10W	
R2		RK73FB2A101J	CHIP R 100 J 1/10W	
R3		RK73FB2A223J	CHIP R 22K J 1/10W	
R4		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R5		RK73EB2B221J	CHIP R 220 J 1/8W	
R6		RK73FB2A153J	CHIP R 15K J 1/10W	
R7		R92-3032-05	CHIP R 4.3K D 1/10W	
R8 ,9		R92-3052-05	METAL GLAZE RESISTOR	
R11		RK73FB2A152J	CHIP R 1.5K J 1/10W	
R13		RK73FB2A471J	CHIP R 470 J 1/10W	
R14		RK73GB1J104J	CHIP R 100K J 1/16W	
R15		RK73EB2B752J	CHIP R 7.5K J 1/8W	M1E
R16		RK73EB2B103J	CHIP R 10K J 1/8W	
R17		RK73FB2A223J	CHIP R 22K J 1/10W	M1E
R18		RK73FB2A473J	CHIP R 47K J 1/10W	M1E
R19		RK73FB2A102J	CHIP R 1.0K J 1/10W	M1E
R20		RK73EB2B104J	CHIP R 100K J 1/8W	
R21		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R22		RK73FB2A104J	CHIP R 100K J 1/10W	
R23		RK73FB2A750J	CHIP R 75 J 1/10W	
R24		RK73FB2A272J	CHIP R 2.7K J 1/10W	
R25		RK73FB2A470J	CHIP R 47 J 1/10W	
R26		RK73EB2B102J	CHIP R 1.0K J 1/8W	
R27		RK73GB1J752J	CHIP R 7.5K J 1/16W	
R28		RK73GB1J563J	CHIP R 56K J 1/16W	
R29		RK73GB1J913J	CHIP R 91K J 1/16W	
R30		RK73FB2A470J	CHIP R 47 J 1/10W	
R31		RK73FB2A103J	CHIP R 10K J 1/10W	
R32		RK73GB1J913J	CHIP R 91K J 1/16W	
R33		RK73FB2A913J	CHIP R 91K J 1/10W	
R34		RK73FB2A472J	CHIP R 4.7K J 1/10W	KK1
R35		R92-0366-05	CHIP R 560 J 1W	KK1
R36		RK73FB2A223J	CHIP R 22K J 1/10W	KK1
R37		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R38		R92-0365-05	CHIP R 1.0K J 1/2W	
R39		RK73FB2A223J	CHIP R 22K J 1/10W	

ELECTRIC UNIT (X25-84XX-XX)										Ref.No.	Adw	Parts No.	Description	Destination
R40		R92-0365-05	CHIP R 1.0K J 1/2W							R40		R92-0365-05	CHIP R 1.0K J 1/2W	
R41		RK73EB2B472J	CHIP R 4.7K J 1/8W							R41		RK73EB2B472J	CHIP R 4.7K J 1/8W	
R42		RK73EB2B222J	CHIP R 2.2K J 1/8W							R42		RK73EB2B222J	CHIP R 2.2K J 1/8W	
R43 -45		RK73EB2B470J	CHIP R 47 J 1/8W							R43 -45		RK73EB2B470J	CHIP R 47 J 1/8W	
R46		RK73EB2B222J	CHIP R 2.2K J 1/8W							R46		RK73EB2B222J	CHIP R 2.2K J 1/8W	
R47 ,48		RK73EB2B472J	CHIP R 4.7K J 1/8W							R47 ,48		RK73EB2B472J	CHIP R 4.7K J 1/8W	
R50 ,51		RK73FB2A123J	CHIP R 12K J 1/10W							R50 ,51		RK73FB2A123J	CHIP R 12K J 1/10W	
R52		RK73FB2A562J	CHIP R 5.6K J 1/10W							R52		RK73FB2A562J	CHIP R 5.6K J 1/10W	
R53		RK73GB1J223J	CHIP R 22K J 1/16W							R53		RK73GB1J223J	CHIP R 22K J 1/16W	
R54		RD14DB2H332J	SMALL-RD 3.3K J 1/2W							R54		RD14DB2H332J	SMALL-RD 3.3K J 1/2W	
R56 ,57		RK73EB2B104J	CHIP R 100K J 1/8W							R56 ,57		RK73EB2B104J	CHIP R 100K J 1/8W	
R58		RK73FB2A183J	CHIP R 18K J 1/10W							R58		RK73FB2A183J	CHIP R 18K J 1/10W	
R59		RK73GB1J104J	CHIP R 100K J 1/16W							R59		RK73GB1J104J	CHIP R 100K J 1/16W	
R60		RK73FB2A104J	CHIP R 100K J 1/10W							R60		RK73FB2A104J	CHIP R 100K J 1/10W	K1M1
R61		RK73FB2A104J	CHIP R 100K J 1/10W							R61		RK73FB2A104J	CHIP R 100K J 1/10W	K
R62		RK73FB2A104J	CHIP R 100K J 1/10W							R62		RK73FB2A104J	CHIP R 100K J 1/10W	M1
R63 ,64		RK73FB2A104J	CHIP R 100K J 1/10W							R63 ,64		RK73FB2A104J	CHIP R 100K J 1/10W	KK1
R65		RK73FB2A104J	CHIP R 100K J 1/10W							R65		RK73FB2A104J	CHIP R 100K J 1/10W	
R66		RK73FB2A222J	CHIP R 2.2K J 1/10W							R66		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R67		RK73GB1J472J	CHIP R 4.7K J 1/16W							R67		RK73GB1J472J	CHIP R 4.7K J 1/16W	
R70		RK73FB2A102J	CHIP R 1.0K J 1/10W							R70		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R71		RK73GB1J472J	CHIP R 4.7K J 1/16W							R71		RK73GB1J472J	CHIP R 4.7K J 1/16W	
R72 ,73		RK73FB2A562J	CHIP R 5.6K J 1/10W							R72 ,73		RK73FB2A562J	CHIP R 5.6K J 1/10W	
R74		RK73FB2A223J	CHIP R 22K J 1/10W							R74		RK73FB2A223J	CHIP R 22K J 1/10W	
R76		RK73GB1J470J	CHIP R 47 J 1/16W							R76		RK73GB1J470J	CHIP R 47 J 1/16W	
R77		RK73FB2A104J	CHIP R 100K J 1/10W							R77		RK73FB2A104J	CHIP R 100K J 1/10W	
R78		RK73FB2A470J	CHIP R 47 J 1/10W							R78		RK73FB2A470J	CHIP R 47 J 1/10W	
R79 ,80		RK73FB2A222J	CHIP R 2.2K J 1/10W							R79 ,80		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R83		RK73GB1J104J	CHIP R 100K J 1/16W							R83		RK73GB1J104J	CHIP R 100K J 1/16W	
R84		RK73FB2A102J	CHIP R 1.0K J 1/10W							R84		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R86		RK73FB2A561J	CHIP R 560 J 1/10W							R86		RK73FB2A561J	CHIP R 560 J 1/10W	
R89		RK73FB2A104J	CHIP R 100K J 1/10W							R89		RK73FB2A104J	CHIP R 100K J 1/10W	
R90		RK73GB1J222J	CHIP R 2.2K J 1/16W							R90		RK73GB1J222J	CHIP R 2.2K J 1/16W	
R92		RK73GB1J102J	CHIP R 1.0K J 1/16W							R92		RK73GB1J102J	CHIP R 1.0K J 1/16W	
R93		RK73FB2A222J	CHIP R 2.2K J 1/10W							R93		RK73FB2A222J	CHIP R 2.2K J 1/10W	M1E
R94		RK73GB1J223J	CHIP R 22K J 1/16W							R94		RK73GB1J223J	CHIP R 22K J 1/16W	KK1
R94		RK73GB1J273J	CHIP R 27K J 1/16W							R94		RK73GB1J273J	CHIP R 27K J 1/16W	M1E
R95 ,96		RK73GB1J472J	CHIP R 4.7K J 1/16W							R95 ,96		RK73GB1J472J	CHIP R 4.7K J 1/16W	
R97		RK73FB2A102J	CHIP R 1.0K J 1/10W							R97		RK73FB2A102J	CHIP R 1.0K J 1/10W	M1E
R99		RK73GB1J102J	CHIP R 1.0K J 1/16W							R99		RK73GB1J102J	CHIP R 1.0K J 1/16W	
R100		RK73FB2A102J	CHIP R 1.0K J 1/10W							R100		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R101		RK73GB1J104J	CHIP R 100K J 1/16W							R101		RK73GB1J104J	CHIP R 100K J 1/16W	
R102,103		RK73FB2A470J	CHIP R 47 J 1/10W							R102,103		RK73FB2A470J	CHIP R 47 J 1/10W	
R104		RK73FB2A104J	CHIP R 100K J 1/10W							R104		RK73FB2A104J	CHIP R 100K J 1/10W	
R105-107		RK73FB2A222J	CHIP R 2.2K J 1/10W							R105-107		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R108		RK73GB1J222J	CHIP R 2.2K J 1/16W							R108		RK73GB1J222J	CHIP R 2.2K J 1/16W	
R112,113		RK73GB1J222J	CHIP R 2.2K J 1/16W							R112,113		RK73GB1J222J	CHIP R 2.2K J 1/16W	
R114		RK73GB1J124J	CHIP R 120K J 1/16W							R114		RK73GB1J124J	CHIP R 120K J 1/16W	M1E
R114		RK73GB1J164J	CHIP R 160K J 1/16W							R114		RK73GB1J164J	CHIP R 160K J 1/16W	KK1
R115		RK73FB2A102J	CHIP R 1.0K J 1/10W							R115		RK73FB2A102J	CHIP R 1.0K J 1/10W	M1E
R118		RK73GB1J102J	CHIP R 1.0K J 1/16W							R118		RK73GB1J102J	CHIP R 1.0K J 1/16W	
R120		RK73GB1J102J	CHIP R 1.0K J 1/16W							R120		RK73GB1J102J	CHIP R 1.0K J 1/16W	M1E
R121		RK73GB1J103J	CHIP R 10K J 1/16W							R121		RK73GB1J103J	CHIP R 10K J 1/16W	
R122		RK73FB2A103J	CHIP R 10K J 1/10W							R122		RK73FB2A103J	CHIP R 10K J 1/10W	
R123		RK73FB2A102J	CHIP R 1.0K J 1/10W							R123		RK73FB2A102J	CHIP R 1.0K J 1/10W	

K: KDC-X915 K1: KDC-X815 M1: KDC-PS9016R E: KDC-PS9080R

⚠ indicates safety critical components.

PARTS LIST

* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

ELECTRIC UNIT (X25-84XX-XX)

Ref.No.	A d d	N e w	Parts No.	Description	Dest inati on
R124			RK73GB1J473J	CHIP R 47K J 1/16W	
R125			RK73FB2A333J	CHIP R 33K J 1/10W	
R126,127			RK73FB2A473J	CHIP R 47K J 1/10W	
R128			RK73FB2A821J	CHIP R 820 J 1/10W	
R129			RK73GB1J153J	CHIP R 15K J 1/16W	
R130			RK73FB2A473J	CHIP R 47K J 1/10W	
R131			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R132-136			RK73EB2B471J	CHIP R 470 J 1/8W	
R137-139			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R140			RK73EB2B472J	CHIP R 4.7K J 1/8W	
R141,142			RK73GB1J104J	CHIP R 100K J 1/16W	
R143,144			RK73FB2A104J	CHIP R 100K J 1/10W	
R145			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R147			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R148,149			RK73GB1J334J	CHIP R 330K J 1/16W	
R151			RK73GB1J303J	CHIP R 30K J 1/16W	K
R152			RK73GB1J222J	CHIP R 2.2K J 1/16W	K
R153,154			RK73EB2B361J	CHIP R 360 J 1/8W	
R155,156			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R157,158			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R159,160			RK73EB2B361J	CHIP R 360 J 1/8W	
R161,162			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R163,164			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R165,166			RK73FB2A335J	CHIP R 3.3M J 1/10W	K
R167,168			RK73FB2A103J	CHIP R 10K J 1/10W	
R169,170			RK73FB2A223J	CHIP R 22K J 1/10W	
R171,172			RK73FB2A820J	CHIP R 82 J 1/10W	
R173			RK73EB2B472J	CHIP R 4.7K J 1/8W	
R175,176			RK73FB2A103J	CHIP R 10K J 1/10W	
R177,178			RK73FB2A223J	CHIP R 22K J 1/10W	
R179,180			RK73FB2A820J	CHIP R 82 J 1/10W	
R181-184			RK73FB2A472J	CHIP R 4.7K J 1/10W	K1M1
R185			RK73GB1J184J	CHIP R 180K J 1/16W	K1M1
R186			RK73FB2A431J	CHIP R 430 J 1/10W	K1M1
R187			RK73FB2A751J	CHIP R 750 J 1/10W	K1M1
R188			RK73FB2A243J	CHIP R 24K J 1/10W	K1M1
R189			RK73FB2A102J	CHIP R 1.0K J 1/10W	K1M1
R190			RK73FB2A101J	CHIP R 100 J 1/10W	K1M1
R191			RK73FB2A223J	CHIP R 22K J 1/10W	K1M1
R192			RK73GB1J333J	CHIP R 33K J 1/16W	K1M1
R193,194			RK73EB2B100J	CHIP R 10 J 1/8W	
R195			RK73EB2B4R7J	CHIP R 4.7 J 1/8W	
R196			RK73EB2B104J	CHIP R 100K J 1/8W	
R198			RK73FB2A105J	CHIP R 1.0M J 1/10W	
R199			RK73GB1J104J	CHIP R 100K J 1/16W	
R200			RK73EB2B222J	CHIP R 2.2K J 1/8W	
R201,202			RK73EB2B361J	CHIP R 360 J 1/8W	
R203,204			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R205,206			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R207,208			RK73FB2A103J	CHIP R 10K J 1/10W	
R209,210			RK73FB2A223J	CHIP R 22K J 1/10W	M1E
R211,212			RK73FB2A820J	CHIP R 82 J 1/10W	M1E
R215			RK73FB2A153J	CHIP R 15K J 1/10W	M1E
R216			RK73EB2B220J	CHIP R 22 J 1/8W	M1E
R217-219			RK73GB1J103J	CHIP R 10K J 1/16W	M1E
R220			RK73FB2A103J	CHIP R 10K J 1/10W	M1E
R221			RK73FB2A823J	CHIP R 82K J 1/10W	M1E
R222			RK73FB2A272J	CHIP R 2.7K J 1/10W	M1E
R223			RK73FB2A333J	CHIP R 33K J 1/10W	M1E
R224			RK73FB2A153J	CHIP R 15K J 1/10W	M1E
R225			RK73FB2A103J	CHIP R 10K J 1/10W	M1E
R226			RK73GB1J562J	CHIP R 5.6K J 1/16W	M1E
R227			RK73GB1J103J	CHIP R 10K J 1/16W	M1E
R228			RK73FB2A104J	CHIP R 100K J 1/10W	M1E
R229			RK73FB2A103J	CHIP R 10K J 1/10W	M1E
R230			RK73FB2A222J	CHIP R 2.2K J 1/10W	M1E
R231			RK73GB1J562J	CHIP R 5.6K J 1/16W	M1E
R232			RK73FB2A272J	CHIP R 2.7K J 1/10W	
R233			RK73FB2A223J	CHIP R 22K J 1/10W	
R234			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R235			RK73FB2A223J	CHIP R 22K J 1/10W	
R236			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R237			RK73FB2A105J	CHIP R 1.0M J 1/10W	M1E
R241			RK73FB2A101J	CHIP R 100 J 1/10W	
R242			RK73GB1J101J	CHIP R 100 J 1/16W	
R243,244			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R245			RK73FB2A122J	CHIP R 1.2K J 1/10W	
R246			RK73FB2A473J	CHIP R 47K J 1/10W	
R247			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R248			RK73FB2A104J	CHIP R 100K J 1/10W	
VR1			R32-0229-05	SEMI FIXED VARIABLE RESISTOR	M1E
W16 -21			R92-2052-05	CHIP R 0 J 1/10W	KK1
W18 ,19			R92-2052-05	CHIP R 0 J 1/10W	M1E
W27			R92-2052-05	CHIP R 0 J 1/10W	M1
W28			R92-2052-05	CHIP R 0 J 1/10W	KK1
PH1			T95-0231-05	OPTO ISOLATOR	
D1			RM10ZLF	DIODE	
D2			AM01Z	DIODE	
D2			ERA15-01	DIODE	
D3			MA4056(N)-M	ZENER DIODE	
D4			MA4082(N)-L	ZENER DIODE	
D6			HZM4.7N(B2)	ZENER DIODE	M1E
D7			MA4110(N)-M	ZENER DIODE	
D8			MA4056(N)-M	ZENER DIODE	
D11 ,12			AM01Z	DIODE	KK1
D11 ,12			ERA15-01	DIODE	KK1
D12			AM01Z	DIODE	M1E
D12			ERA15-01	DIODE	M1E
D13			DAP202K	DIODE	
D13			KDS181	DIODE	
D13			MA152WA	DIODE	
D16			MA3062WA	ZENER DIODE	
D18			MA3062WA	ZENER DIODE	
D19			MA4056(N)-M	ZENER DIODE	
D20			MA4062(N)-M	ZENER DIODE	
D21			DAN202K	DIODE	
D21			KDS184	DIODE	
D21			MA152WK	DIODE	
D22			DA204K	DIODE	

K: KDC-X915 K1: KDC-X815 M1: KDC-PS9016R E: KDC-PS9080R

⚠ indicates safety critical components.

PARTS LIST

* New Parts

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Teile ohne Parts No. werden nicht geliefert.

ELECTRIC UNIT (X25-84XX-XX)

Ref.No.	A d d	N e w	Parts No.	Description	Dest inati on
D22 D23 ,24 D27 D27 D27			KDS226 RD6.8M(B2) DAP202K KDS181 MA152WA	DIODE ZENER DIODE DIODE DIODE DIODE	K1M1E K1M1E K1M1E
D28 ,29 D31 D31 D31 D32			RD6.8MW DAN202K KDS184 MA152WK MA3056-M	ZENER DIODE DIODE DIODE DIODE ZENER DIODE	M1E M1E M1E
D33 D34 D34 D34 D35 -43			SA-C2012-101TB DAN202K KDS184 MA152WK 1SR154-400	SURGE ABSORBER DIODE DIODE DIODE DIODE	K1M1E K1M1E K1M1E K1M1E
D43 D47 ,48 D47 ,48 D47 ,48 D50			1SR154-400 DAP202K KDS181 MA152WA MA3220-H	DIODE DIODE DIODE DIODE ZENER DIODE	K
D51 D51 D55 -59 D55 -59 D60			DA204K KDS226 DA204K KDS226 MA3062WA	DIODE DIODE DIODE DIODE ZENER DIODE	
IC1 IC2 IC3 IC4 IC5			UPD784217GC104 TDA7400 M5237ML TDA7386 TDA7401	MI-COM IC ANALOGUE IC IC(VOLTAGE REGULATOR) ANALOGUE IC ANALOGUE IC	K1M1E
IC6 IC7 -9 IC7 -9 IC10 IC11			TC7662BE0A NJM2068MD NJM4565M-TE2 TC74HC02AF TDA7479D	ANALOGUE IC IC(OP AMP) ANALOGUE IC IC ANALOGUE IC	K K1M1E
IC12 IC13 IC14 IC14 IC15			NJM4565M-TE2 LB1930M BR24C01AF M24C01-WMN6T S-80830ANNP	ANALOGUE IC ANALOGUE IC MEMORY IC MEMORY IC MOS-IC	M1E
IC16 Q1 Q2 Q2 Q3			NJM4565M-TE2 2SB1565(E,F) 2SC2412K 2SD601A 2SB709A	ANALOGUE IC TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	
Q4 Q5 Q5 Q5 Q6			2SB1565(E,F) DTA124EK KRA103S UN2112 DTC124EK	TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR	
Q6 Q6 Q7 Q9 Q9			KRC103S UN2212 2SD2396F40 DTC124EK KRC103S	TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR	

Ref.No.	A d d	N e w	Parts No.	Description	Dest inati on
Q9 Q11 Q12 Q12 Q12			UN2212 DTA123JK DTC144EK KRC104S UN2213	DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR	
Q13 Q14 Q14 Q15 Q16			2SB1443 2SC2412K 2SD601A 2SB709A 2SC2412K	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	
Q16 Q17 Q18 Q18 Q19			2SD601A 2SB709A 2SC2412K 2SD601A 2SB709A	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	
Q20 Q20 Q21 Q22 Q22			2SC2412K 2SD601A 2SB1277(Q,R) DTC114EK UN2211	TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR	KK1 KK1 KK1
Q23 Q24 Q25 Q25 Q25			2SB1277(Q,R) 2SB709A DTA124EK KRA103S UN2112	TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR	
Q26 Q26 Q28 ,29 Q28 ,29 Q30 ,31			DTC114EK UN2211 2SC2412K 2SD601A DTA124EK	DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR	
Q30 ,31 Q30 ,31 Q32 Q32 Q33			KRA103S UN2112 2SC2412K 2SD601A DTC124EK	TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR	
Q33 Q33 Q34 -37 Q34 -37 Q38			KRC103S UN2212 2SC2412K 2SD601A DTC114YK	TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR	K1M1
Q38 Q38 Q39 ,40 Q39 ,40 Q41			KRC107S UN2214 2SC2412K 2SD601A 2SB709A	TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	K1M1 K1M1
Q42 Q42 Q43 Q43 Q44			2SC2412K 2SD601A DTC114TK UN2215 DTA124EK	TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR	M1E M1E M1E M1E M1E
Q44 Q44 Q45 Q45 Q45			KRA103S UN2112 DTC124EK KRC103S UN2212	TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR	M1E M1E M1E M1E M1E

K: KDC-X915 K1: KDC-X815 M1: KDC-PS9016R E: KDC-PS9080R

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PARTS LIST

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ELECTRIC UNIT (X25-84XX-XX)

CD PLAYER UNIT (X32-474X-XX)

Ref.No.	Ad New	Parts No.	Description	Destination
Q48		2SB1188(Q,R)	TRANSISTOR	
Q49		DTC124EK	DIGITAL TRANSISTOR	
Q49		KRC103S	TRANSISTOR	
Q49		UN2212	DIGITAL TRANSISTOR	
Q50		2SB1188(Q,R)	TRANSISTOR	
Q51		DTC124EK	DIGITAL TRANSISTOR	
Q51		KRC103S	TRANSISTOR	
Q51		UN2212	DIGITAL TRANSISTOR	
Q52		DTC144EK	DIGITAL TRANSISTOR	
Q52		KRC104S	TRANSISTOR	
Q52		UN2213	DIGITAL TRANSISTOR	
Q53,54		DTA124EK	DIGITAL TRANSISTOR	
Q53,54		KRA103S	TRANSISTOR	
Q55		2SC2412K	TRANSISTOR	
Q55		2SD601A	TRANSISTOR	
Q56		2SB1443	TRANSISTOR	
TH1		PTH9C42BD471Q	POSITIVE RESISTOR	K1M1
A1	3D	X86-3082-70	TUNER UNIT	E
A1	3D	X86-3100-10	TUNER UNIT	KK1
A1	3D	X86-3222-70	TUNER UNIT	M1
CD PLAYER UNIT (X32-474X-XX)				
C1,2		CK73FB1A105K	CHIP C 1.0UF K	
C3		C92-1359-05	CHIP-TAN 10UF 16WV	
C4		C92-0566-05	CHIP-TAN 10UF 6.3WV	
C5		CC73FCH1H330J	CHIP C 33PF J	
C6		CC73FCH1H030C	CHIP C 3.0PF C	
C7		CK73FB1C104K	CHIP C 0.10UF K	
C8		CK73FB1A105K	CHIP C 1.0UF K	
C9		CC73FCH1H101J	CHIP C 100PF J	
C10		CK73FB1H472K	CHIP C 4700PF K	
C11		CK73FB1H682K	CHIP C 6800PF K	
C12		CK73FB1H222K	CHIP C 2200PF K	
C13		CK73FB1H273K	CHIP C 0.027UF K	
C14		CK73FB1H472K	CHIP C 4700PF K	
C15		CK73FB1E473K	CHIP C 0.047UF K	
C16		CC73FCH1H101J	CHIP C 100PF J	
C17		CK73FB1H472K	CHIP C 4700PF K	
C18		CK73FB1H471K	CHIP C 470PF K	
C19,20		CK73FB1C104K	CHIP C 0.10UF K	
C21		C92-1359-05	CHIP-TAN 10UF 16WV	
C22		CK73FB1C104K	CHIP C 0.10UF K	
C23		CK73FB1H102K	CHIP C 1000PF K	
C24		CK73FB1H223K	CHIP C 0.022UF K	
C25		CK73FB1H123K	CHIP C 0.012UF K	
C26		CK73FB1A105K	CHIP C 1.0UF K	
C28		CK73FB1A105K	CHIP C 1.0UF K	
C29		CK73FB1C104K	CHIP C 0.10UF K	
C31,32		CK73FB1H103K	CHIP C 0.010UF K	
C33,36		CK73FB1C104K	CHIP C 0.10UF K	
C37		C93-1031-05	CERAMIC 0.010UF 50WV	
C40		CK73FB1C104K	CHIP C 0.10UF K	
C41		CK73EB1C225K	CHIP C 2.2UF K	
C43		CK73FB1H123K	CHIP C 0.012UF K	
C44		CK73FB1C104K	CHIP C 0.10UF K	

Ref.No.	Ad New	Parts No.	Description	Destination
C45		CK73FB1H123K	CHIP C 0.012UF K	
C46		CK73FB1E473K	CHIP C 0.047UF K	
C51		C92-1324-05	CHIP-TAN 4.7UF 16WV	
C52		CK73FB1E473K	CHIP C 0.047UF K	
C53,54		C93-1084-05	CERAMIC 1200PF J	
C55		CK73FB1C104K	CHIP C 0.10UF K	
C61		CK73EB1C105K	CHIP C 1.0UF K	
C63		C92-1324-05	CHIP-TAN 4.7UF 16WV	
C65,66		CK73FB1A105K	CHIP C 1.0UF K	
C67,68		C92-1324-05	CHIP-TAN 4.7UF 16WV	
C71,74		C93-1084-05	CERAMIC 1200PF J	
C75,78		CC73FCH1H271J	CHIP C 270PF J	
C79,80		C93-1044-05	CERAMIC 2200PF K	
C81		CK73FB1H102K	CHIP C 1000PF K	
C83,84		CC73FCH1H100D	CHIP C 10PF D	
C85,87		CK73FB1C104K	CHIP C 0.10UF K	
CN1		E40-9536-05	FLAT CABLE CONNECTOR	
CN2		E40-9339-05	FLAT CABLE CONNECTOR	
CP8		L92-0320-05	FERRITE CORE	
L1		L40-1001-78	SMALL FIXED INDUCTOR(10UH)	
L2		L92-0308-05	FERRITE CORE	
L3		L92-0334-05	CHIP FERRITE	
L14		L79-0938-05	LC FILTER	
L15		L92-0308-05	FERRITE CORE	
X1		L77-2081-05	CRYSTAL RESONATOR	
CP1,3		R90-1019-05	MULTI-COMP 100 X2	
R1,2		RK73FB2A333J	CHIP R 33K J 1/10W	
R3		RK73FB2A823J	CHIP R 82K J 1/10W	
R5		RK73FB2A910J	CHIP R 91 J 1/10W	
R6		RK73FB2A823J	CHIP R 82K J 1/10W	
R8		RK73EB2B4R7J	CHIP R 4.7 J 1/8W	
R9		RK73EB2B100J	CHIP R 10 J 1/8W	
R10,11		RK73FB2A682J	CHIP R 6.8K J 1/10W	
R12		RK73FB2A432J	CHIP R 4.3K J 1/10W	
R13		RK73FB2A363J	CHIP R 36K J 1/10W	
R14,15		RK73FB2A824J	CHIP R 820K J 1/10W	
R16		RK73FB2A223J	CHIP R 22K J 1/10W	
R17		RK73FB2A363J	CHIP R 36K J 1/10W	
R18		RK73FB2A392J	CHIP R 3.9K J 1/10W	
R19		RK73FB2A273J	CHIP R 27K J 1/10W	
R20		RK73FB2A104J	CHIP R 100K J 1/10W	
R21		RK73FB2A224J	CHIP R 220K J 1/10W	
R22,23		RK73FB2A333J	CHIP R 33K J 1/10W	
R31		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R32		RK73FB2A104J	CHIP R 100K J 1/10W	
R34		RK73FB2A683J	CHIP R 68K J 1/10W	
R35		RK73FB2A104J	CHIP R 100K J 1/10W	
R36		RK73FB2A151J	CHIP R 150 J 1/10W	
R37		RK73FB2A471J	CHIP R 470 J 1/10W	
R38		RK73FB2A224J	CHIP R 220K J 1/10W	
R44		RK73FB2A512J	CHIP R 5.1K J 1/10W	
R45		RK73FB2A103J	CHIP R 10K J 1/10W	
R46		RK73FB2A102J	CHIP R 1.0K J 1/10W	

K: KDC-X915 K1: KDC-X815 M1: KDC-PS9016R E: KDC-PS9080R

⚠ indicates safety critical components.

PARTS LIST

* New Parts
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Ref.No.	A d d	N e w	Parts No.	Description				Dest inati on
R47			RK73FB2A103J	CHIP R	10K	J	1/10W	
R49			RK73FB2A472J	CHIP R	4.7K	J	1/10W	
R50			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R52			RK73FB2A104J	CHIP R	100K	J	1/10W	
R54			RK73FB2A104J	CHIP R	100K	J	1/10W	
R71			RK73FB2A103J	CHIP R	10K	J	1/10W	
R72			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R73			RK73FB2A473J	CHIP R	47K	J	1/10W	
R74			RK73FB2A103J	CHIP R	10K	J	1/10W	
R75			RK73FB2A333J	CHIP R	33K	J	1/10W	
R76			RK73FB2A622J	CHIP R	6.2K	J	1/10W	
R77			RK73FB2A563J	CHIP R	56K	J	1/10W	
R78			RK73FB2A243J	CHIP R	24K	J	1/10W	
R79			RK73FB2A242J	CHIP R	2.4K	J	1/10W	
R80			RK73FB2A202J	CHIP R	2.0K	J	1/10W	
R81			RK73FB2A333J	CHIP R	33K	J	1/10W	
R82			RK73FB2A103J	CHIP R	10K	J	1/10W	
R83			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R91			RK73FB2A472J	CHIP R	4.7K	J	1/10W	
R101,102			RK73FB2A241J	CHIP R	240	J	1/10W	
R103,104			RK73FB2A122J	CHIP R	1.2K	J	1/10W	
R115-118			R92-2029-05	CHIP R	2.0K	D	1/10W	
R119-122			R92-2044-05	CHIP R	2.7K	D	1/10W	
R123-126			R92-2048-05		7.5K	D	1/10W	
R127,128			RK73FB2A331J	CHIP R	330	J	1/10W	
R202			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R210			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R211			RK73FB2A681J	CHIP R	680	J	1/10W	
R215			RK73FB2A103J	CHIP R	10K	J	1/10W	
R216,217			RK73FB2A155J	CHIP R	1.5M	J	1/10W	
R218			RK73FB2A473J	CHIP R	47K	J	1/10W	
R219			RK73FB2A472J	CHIP R	4.7K	J	1/10W	
R220			RK73FB2A103J	CHIP R	10K	J	1/10W	
W1			R92-2053-05	CHIP R	0	J	1/8W	
W3			R92-2052-05	CHIP R	0	J	1/10W	
W8			R92-2052-05	CHIP R	0	J	1/10W	
S1 ,2			S68-0838-05	PUSH SWITCH				
S3			S68-0823-05	PUSH SWITCH				
D1 ,2			DAN202U	DIODE				
D3			DA204K	DIODE				
D4			DAN202U	DIODE				
IC1			AN8806SB	ANALOGUE IC				
IC2			MN662773KB3	MOS-IC				
IC4			BA5917AFP	ANALOGUE IC				
IC5			TA78L05F	IC(VOLTAGE REGULATOR/ +5V)				
IC6			NJM5532MD	IC(OP AMP)				
IC7			KKZ05F	CUSTOM IC				
IC8			TC7SH08F	MOS-IC				
IC9			TC7SZ04F	MOS-IC				
Q1			2SB1188	TRANSISTOR				
Q2			DTC124EUA	DIGITAL TRANSISTOR				
Q3 ,4			2SA1362(Y)	TRANSISTOR				
Q5			DTC124EUA	DIGITAL TRANSISTOR				

CD PLAYER UNIT (X32-474X-XX)
DAUGTER UNIT (X89-241X-XX)
MECHANISM ASSY (X92-37XX-XX)

Ref.No.	A d d	N e w	Parts No.	Description				Dest inati on
Q7			FMC5A	DIGITAL TRANSISTOR				
Q8			DTC124EUA	DIGITAL TRANSISTOR				
DAUGTER UNIT (X89-241X-XX)								
C1			C90-2966-05	ELECTRO	100UF	16VV		
C2			CK73FB1H103K	CHIP C	0.010UF	K		
C3			C90-2966-05	ELECTRO	100UF	16VV		
C4			CK73FB1H103K	CHIP C	0.010UF	K		
C5			C90-2984-05	ELECTRO	47UF	50VV		
C6			CK73FB1H103K	CHIP C	0.010UF	K		
C7			CK73EB1C225K	CHIP C	2.2UF	K		
CN1			E40-3250-05	PIN ASSY				
L1			L33-1029-05	SMALL FIXED INDUCTOR				
R1			RK73EB2B473J	CHIP R	47K	J	1/8W	
R2			RK73FB2A152J	CHIP R	1.5K	J	1/10W	
R3			RK73EB2B103J	CHIP R	10K	J	1/8W	
R4			R92-2104-05	CHIP R	2.2	J	1W	
D1			MA4100-L	ZENER DIODE				
D2			MA4051(N)-M	ZENER DIODE				
D3			DA204K	DIODE				
D3			KDS226	DIODE				
Q1			2SB1184	TRANSISTOR				
Q2			2SC2412K	TRANSISTOR				
Q2			2SD601A	TRANSISTOR				
A1		*	W02-3232-05	ELECTRIC CIRCUIT MODULE				
MECHANISM ASSY (X92-37XX-XX)								
401	2A		A10-4482-01	CHASSIS				
402	2A		A10-4225-33	CHASSIS CALKING ASSY				
403	2B		A11-0915-43	SUB CHASSIS CALKING ASSY				
405A	2A		D10-4038-23	ARM ASSY				
406	2A		D10-4306-04	ARM ASSY				
407	2A		D10-4305-04	ARM ASSY				
408	3A		D10-3087-44	ARM ASSY				
409	3B		D10-3092-03	SLIDER				
410	3B		D10-3093-04	SLIDER ASSY				
411	2B		D10-3095-04	SLIDER ASSY				
412	2B		D10-3096-04	SLIDER ASSY				
413	1A		D10-3099-24	SLIDER ASSY				
414	1A		D10-3100-04	SLIDER ASSY				
415	2A		D10-4123-24	LEVER ASSY				
416	1B		D10-4004-04	LEVER ASSY				
417	1B		D10-4006-04	LEVER				
418	1A		D10-4007-04	LEVER				
419	2B		D10-4008-14	LEVER				
420	2A		D10-4009-23	ARM				
421	3B		D10-4010-04	LEVER				
422	3A		D10-4011-34	LEVER ASSY				
423	3A		D10-4013-14	ARM ASSY				
424	3B		D10-4050-04	ARM				
427	3B		D13-1340-13	RACK (GEAR)				
429	3B		D13-1231-04	GEAR				

PARTS LIST/SPECIFICATIONS

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Ref.No.	Adew	Parts No.	Description	Destination
430	3B	D13-1232-04	GEAR	
431	3B	D13-1233-04	GEAR	
432	3B	D13-1234-14	GEAR ASSY	
433	3A	D13-1238-03	GEAR	
434	3B	D13-1240-04	GEAR	
435	3B	D13-1241-04	GEAR	
436	3B	D13-1242-04	GEAR	
437	1B	D13-1243-04	GEAR	
438	1B	D13-1244-04	GEAR	
439	1B	D13-1245-14	GEAR	
440	2A	D13-1246-04	GEAR	
441	2B	D13-1247-04	GEAR	
443	2B	D13-1249-04	GEAR ASSY	
445	1B	D14-0668-04	ROLLER	
446	2A	D14-0670-04	ROLLER	
447	3B	D14-0674-04	ROLLER	
448	2B	D13-1341-04	GEAR ASSY	
449	3A	D21-2228-14	SHAFT	
450	1A	D21-2229-04	SHAFT	
451	1A	D23-0925-24	RETAINER	
452	2A	D32-0614-04	STOPPER	
453	1B	D39-0223-05	DAMPER	
454	2B	D39-0224-05	DAMPER	
455	3B	F09-1246-04	SHEET	
458	3B	F09-1266-14	SHEET	
460	2B	G01-2770-04	EXTENSION SPRING	
461	3A	G01-2771-04	EXTENSION SPRING	
462	3A	G01-2772-24	EXTENSION SPRING	
463	3A	G01-2773-14	EXTENSION SPRING	
464	3A	G01-2774-34	EXTENSION SPRING	
465	1B	G01-2775-04	TORSION COIL SPRING	
466	1B	G01-2776-14	TORSION COIL SPRING	
467	3B	G01-2777-24	TORSION COIL SPRING	
469	2A	G01-2844-04	EXTENSION SPRING	
470	2A	G02-1231-04	FLAT SPRING	
471	2B	G02-1232-24	FLAT SPRING	
472	2A	G02-1241-24	FLAT SPRING	
475	2A	J11-0613-13	CLAMPER	
476	3A	J19-4678-13	HOLDER	
477	2B	J19-4679-24	HOLDER	
478	3B	J21-7684-13	MOUNTING HARDWARE	
479	2B	J21-7686-13	MOUNTING HARDWARE	
480	1B	J21-7690-03	MOUNTING HARDWARE	
481	3A	J31-1032-04	COLLAR	
482	3A	J84-0107-05	FLEXIBLE PRINTED WIRING BOARD	
483	1A	J90-0757-22	GUIDE	
A	2A	N09-4249-05	MACHINE SCREW (M1.7X2.5,LOCK)	
B	1D	N09-4172-05	TAPPING SCREW (2X3.5)	
C	2B	N09-4202-05	STEPPED SCREW	
D	2A	N38-2020-46	PAN HEAD MACHIN SCREW	
F	3B	N19-2023-04	FLAT WASHER	
G	2A	N19-2058-04	FLAT WASHER	
H	3A	N19-2093-04	FLAT WASHER	
DM1	3B	T42-0764-04	DC MOTOR ASSY	
DM2	3B	T42-0763-04	DC MOTOR ASSY	
DPU1	2B	T25-0215-05	OPTICAL PICKUP HEAD	

KDC-X915/X815

FM Section

Frequency Range	87.9MHz~107.9MHz
(Frequency Step)	(200kHz)
Channel Space selection	50k/200kHz
Usable Sensitivity(S/N:30dB)	9.3dBf(0.8μV/75Ω)
Quieting Sensitivity(S/N:50dB)	15.2dBf (1.6μV/75Ω)
Frequency Response(±3.0dB)	30Hz~15kHz
S/N	70dB(MONO)
Selectivity	≥80dB(±400kHz)
Stereo Separation	40dB(1kHz)

AM Section

Frequency Range	530kHz~1700kHz
(Frequency Step)	(10kHz)
Channel Space selection	9k/10kHz
Usable Sensitivity(S/N:20dB)	28dBμ(25μV)

CD Section

Laser Diode	GaAlAs(λ=780nm)
Digital Filter(D/A)	8 Times Over Sampling
D/A Converter	1Bit
Spindle Speed	500~200(CLV)
Wow & Flutter	Below Measurable Limit
Frequency Response	10~20kHz(±1dB)
Total Harmonic Distortion	0.01%(1kHz)
S/N Ratio	105dB(1kHz)
Dynamic Range	100dB
Channel Separation	95dB

Preout Level (mV) /Load-Unbalanced 4500mV/10kΩ(CD/CD-CH)

Preout Impedance 80Ω

AMPLIFIER Section (KDC-X815 only)

Maximum Power 45W×4

Full Bandwidth Power(at less than 1%THD) 22W×4

TONE Section

Bass 100Hz±10dB

Treble 10kHz±10dB

General

Operating Voltage 14.4V

(11~16V allowable)

Current Consumption

KDC-X915 5A

KDC-X815 10A

Installation Size KDC-X915 (W) ... 182(mm) 7-3/16(in)

(H) 53(mm) 2-1/16(in)

(D) 160(mm) 6-5/16(in)

KDC-X815 (W) ... 182(mm) 7-3/16(in)

(H) 53(mm) 2-1/16(in)

(D) 162(mm) 6-3/8(in)

Weight

KDC-X915 4.0lbs(1.8kg)

KDC-X815 4.2lbs(1.9kg)

SPECIFICATIONS

KDC-PS9080R**FM Section**

Frequency Range	87.5MHz~108.0MHz
(Frequency Step)	(50kHz)
Usable Sensitivity(S/N:26dB)	0.7μV/75Ω
Quieting Sensitivity(S/N:46dB)	1.6μV/75Ω
Frequency Response(±3.0dB)	30Hz~15kHz
S/N	65dB(MONO)
Selectivity(DIN)	≥80dB(±400kHz)
Stereo Separation	35dB(1kHz)

MW (AM) Section

Frequency Range	531kHz~1611kHz
(Frequency Step)	(9kHz)
Usable Sensitivity(S/N:20dB)	25μV

LW Section

Frequency Range	153kHz~281kHz
Usable Sensitivity(S/N:20dB)	45μV

CD Section

Laser Diode	GaAlAs(λ=780nm)
Digital Filter(D/A)	8 Times Over Sampling
D/A Converter	1Bit
Spindle Speed	500~200(CLV)
Wow & Flutter	Below Measurable Limit
Frequency Response	10~20kHz(±1dB)
Total Harmonic Distortion	0.01%(1kHz)
S/N Ratio	105dB(1kHz)
Dynamic Range	100dB
Channel Separation	95dB

Preout Level (mV) /Load-Unbalanced 4500mV/10kΩ(CD/CD-CH)

Preout Impedance 80Ω

AMPLIFIER Section

PWR(MAX)	45W×4
PWR DIN45324,+B=14.4V	28W×4

TONE Section

Bass	100Hz±10dB
Treble	10kHz±10dB

General

Operating Voltage	14.4V
(11~16V allowable)	
Current Consumption	10A
Installation Size (W)	182(mm) 7-3/16(in)
(H)	53(mm) 2-1/16(in)
(D)	162(mm) 6-3/8(in)
Weight	4.2lbs(1.9kg)

KDC-PS9016R**FM Section**

Frequency Range	87.5MHz~108.0MHz
(Frequency Step)	(50kHz)
Channel Space selection	50kHz
Usable Sensitivity(S/N:30dB)	9.3dBf(0.8μV/75Ω)
Quieting Sensitivity(S/N:50dB)	15.2dBf (1.6μV/75Ω)
Frequency Response(±3.0dB)	30Hz~15kHz
S/N	70dB(MONO)
Selectivity	≥80dB(±400kHz)
Stereo Separation	40dB(1kHz)

MW (AM) Section

Frequency Range	531kHz~1611kHz
(Frequency Step)	(9kHz)
Usable Sensitivity(S/N:20dB)	25μV

LW Section

Frequency Range	153kHz~281kHz
Usable Sensitivity(S/N:20dB)	45μV

CD Section

Laser Diode	GaAlAs(λ=780nm)
Digital Filter(D/A)	8 Times Over Sampling
D/A Converter	1Bit
Spindle Speed	500~200(CLV)
Wow & Flutter	Below Measurable Limit
Frequency Response	10~20kHz(±1dB)
Total Harmonic Distortion	0.01%(1kHz)
S/N Ratio	105dB(1kHz)
Dynamic Range	100dB
Channel Separation	95dB

Preout Level (mV) /Load-Unbalanced 4500mV/10kΩ(CD/CD-CH)

Preout Impedance 80Ω

AMPLIFIER Section

Maximum Power	45W×4
Full Bandwidth Power(at less than 1%THD)	22W×4

TONE Section

Bass	100Hz±10dB
Treble	10kHz±10dB

General

Operating Voltage	14.4V
(11~16V allowable)	
Current Consumption	10A
Installation Size (W)	182(mm) 7-3/16(in)
(H)	53(mm) 2-1/16(in)
(D)	162(mm) 6-3/8(in)
Weight	4.2lbs(1.9kg)

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KENWOOD CORPORATION

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